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New Patented Roses

- ① Blaze \$1.00
 - ② Amelia Earhart ... 1.25
 - ③ Mary Hart 1.00
 - ④ Token 1.25
 - ⑤ Countess Vandal .. 1.00
- (Prices are postpaid)

Consult pages 59-64 for descriptions of all our Roses.

Storrs and Harrison Co.
Painesville Nurseries
SPRING 1937
PAINESVILLE, OHIO

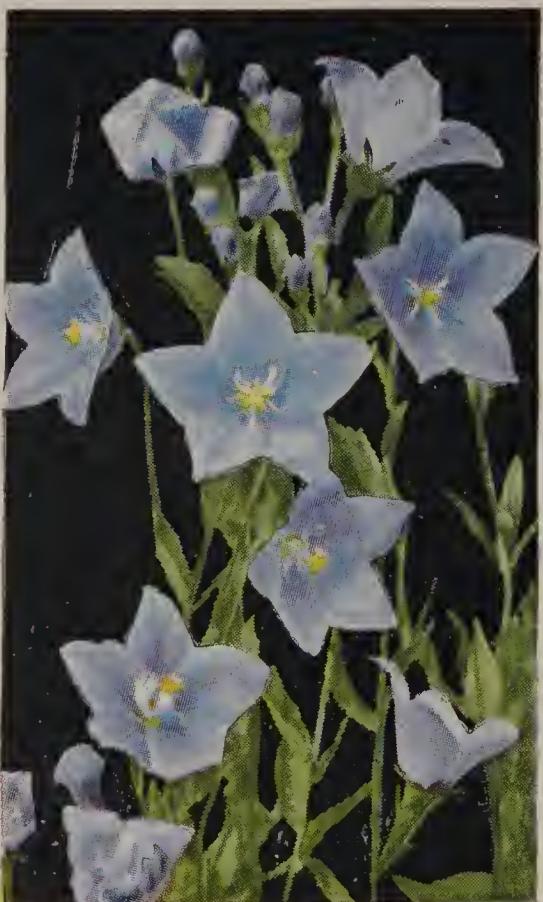
HARDY HERBACEOUS PERENNIALS

See pages 33 to 49



Tritoma

The "Red Hot Poker." Page 49



Balloon Flower. Page 46



Oriental Poppy. See page 47



Blazing Star—Liatris
See page 42



Delphinium—Hardy Larkspur. See page 39



Painted Daisies—Pyrethrum Roseum
See page 47



Bleeding Heart
See page 39



Blanket Flower—Gaillardia. See page 41



Hardy Harvard Carnation
See page 38

Spring 1937 The Storrs & Harrison Co's Catalog Estab. 1854

THIS CATALOG you are about to study, speaks for itself in regard to items for sale; name, description and price, with many accurate illustrations. As usual, we make no attempt at high-pressure salesmanship. We prefer to respect, and invite your selective taste and judgment. We earnestly desire to sell our goods, however; so we herein display them in alphabetical order, under separate department headings; priced reasonably, to a large extent with bothersome transportation costs absorbed. We appreciate the business so many thousands of you have given us during the 83 years past. We confidently solicit your patronage for this season, and hope for long-continued opportunity to serve you faithfully. We cover all needs, as

The Leading Departmental Nursery



Founded on, and
run by, the
"Golden Rule"



TERMS

WHEN TO ORDER. As soon as this catalog reaches you, send in your complete order for seeds, plants and trees, with definite shipping instructions which we will follow as closely as possible. By ordering early, we are enabled to assemble possibly all of your list while supply is unbroken, and "set it aside" awaiting desired, or proper shipping time. Evergreens, caliper sized trees, and any other items which must be fresh-dug, are, of course, subject to weather and general digging conditions.

HOW TO ORDER. Please use order sheet found in rear part of this catalog, carefully filling in blank spaces and enclosing payment for full amount of order. Write very plainly or print name, post office, county, state, street and house number or R. F. D. where you get your mail; with explicit directions if stock is to be shipped to some other town. To avoid mistakes do not write letters on same sheets as orders.

REMITTANCES should be made by post office or express money order, bank draft or registered letter. Remittances in any other way are entirely at sender's risk.

ORDERS LESS THAN \$1.00. We cannot afford to fill orders of less amount than one dollar, unless, in addition to amount of order, ten cents is sent. This does not apply to Seed Orders.

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GENERAL TERMS. Net cash with order. No discounts allowed. **POSTPAID BY MAIL.** We deliver postpaid to any post office in the United States, any article in this catalog offered by mail. **BY EXPRESS OR FREIGHT** charges are not prepaid, but are collectible at destination. In the various classes, we will furnish 6 or more of one variety and size at dozen rates; 25 or more at 100 rates; 250 or more at 1000 rate if quoted.

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TREES For production and distribution of Fruit Trees, our reputation bears the endorsement of several generations who have planted on faith, and garnered satisfying harvests. We are content to be rated by that old standard: "By their fruits ye shall know them." Our production of Ornamental Trees, Shrubs and Roses, involve several hundred fertile acres. No order too big. No order too small.

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SEEDS Choicest quality possible; packets liberal. We keep up-to-date; this catalog showing 15 new Vegetable items and 47 new Flower Seeds, passing on to you the recommendations of "All-American Seed Selections," a valuable tribunal for establishing merit.

to dig and ship stock in perfect condition after trees in most other sections are in full leaf, and to supply the slowly warming points further north.

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We regret to inform customers in our own state that according to law, all Ohio sales are subject to a Sales Tax, payable by the consumer, at fixed rates as set up in enclosed schedule.

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The Storrs & Harrison Co.
"Painesville Nurseries"
Painesville, Ohio

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*Ask for quotation if interested in larger quantities than listed.

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FOR BIGGEST CROPS.

Supply of All Seed
is Carefully Tested
for Germination.

VEGETABLE SEEDS

ARTICHOKE

CULTURE. To obtain globes the first year, the seed should be sown in February or March and kept growing until the weather is suitable to transplant to the open ground. Seed sown in May will not bear globes until the following year. Transplant into rows three feet apart, setting the plants two feet apart in the row. Protect through the winter by mulching and earthing up around the plants.

Green Globe. Raised for the young green flower heads, usually boiled or baked and eaten with a butter sauce. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c.

ASPARAGUS SEED

CULTURE. Seed of Asparagus should be sown early in the spring, in drills 2 inches deep. When seedlings are 1 or 2 years old, transplant (for the family garden) 12 to 18 inches apart in the row, and cover crowns to a depth of 2 inches. For commercial usage plant in rows 4 to 5 ft. apart, placing crowns 8 to 10 inches apart in the row. One ounce to 50 feet of drill.

Mary Washington. Choice wilt-resistant.

Martha Washington. Earlier; vigorous.

Both: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 80c.

Roots of Asparagus are offered on page 96.

BEETS

CULTURE. Sow early in drills 12 to 18 inches for hand culture, to $2\frac{1}{2}$ feet for horse cultivation; cover to a depth of 1 to 2 inches. One ounce to 60 feet of drill; 5 to 6 lbs. per acre.

FOR TABLE USE

PRICES (except noted)—Postpaid:
Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 90c.

Crimson Globe. (45 days). Globe shape, with a smooth, dark red skin and small tap root. The interior is a rich deep crimson, fine grained in texture.

Crosby's Egyptian. (40 days). Improved type.

Detroit Dark Red. (50 days). Globular; smooth, dark blood-red; flesh bright, tender, sweet. Probably the most popular table beet for both market and home garden.

Early Blood Turnip Beet. (55 days). One of the best main crop varieties. Skin deep red and very smooth; flesh attractive when cut. The best red Turnip Beet on the market.

Early Wonder. (40 days). Suitable for either spring or fall sowing. Globe-shaped; deep red.

Good For All. (50 days). New. Uniform globe, smooth, small collar and tap root; crimson interior. For pickling whole, select $1\frac{1}{2}$ " size.

Perfected Detroit (48 days). Received Award of Merit, All-America Selections, 1934. Superior to any variety yet introduced. Comes 90 per cent true to exactly the same shade of dark red color and does not show any white rings. Tops are medium and their close, compact attachment leaves a larger portion of the root edible. Roots are globular, very smooth and uniform. Excellent for canning and market use.

Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Prompt Delivery
We ship all seed orders the same day order is received.

FREE PACKETS
of good seed (our choice) to say "Thank You" are included.

POSTPAID PRICES
Prices on pkt., oz., $\frac{1}{2}$ lb., 1 lb., or 2 lbs., include free delivery.

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OUR GUARANTY OF GENUINENESS

We exercise great diligence and care to have all of our seeds true to name, and hold ourselves in readiness, on proper proof, to replace free of charge, all seed that may prove untrue to name, or refund the amount paid. It is, however, mutually understood and agreed to between the purchaser and ourselves, that our guaranty of genuineness shall in no case make us liable for any sum greater than that originally received for the seeds that proved untrue.

(Signed) The Storrs & Harrison Co.

Days Required
from Seed to Harvest
are Noted in Figures.

Detroit Dark Red Beet



Deduct

If shipped
by
EXPRESS,
DEDUCT
from listed
mail prices,
as follows:

1-2 lb.,	5c
1 lb.,	10c
2 lbs.,	20c
5 lbs.,	25c
10 lbs.,	50c

Swiss Chard Lucullus (50 days). The plants grow to a height of 2 to $2\frac{1}{2}$ feet. The stalks are heavily ribbed and from 10 to 12 inches long below the leaf; are delicious when cooked and served in the same manner as Asparagus. The leaves are large, heavily crumpled or "savoyed," crisply tender and of fine flavor. The leafy portion of the foliage is cooked and served in the same manner as spinach.

Sugar Beets and Mangels for Stock Feeding

Thin to 8 to 12 inches in the row. Thorough and frequent cultivation is essential when young, but discontinue as soon as the roots mature, indicated by drying of leaves. Store in earth-covered heaps.

MAIL PRICE: Oz. 10c; $\frac{1}{4}$ lb. 20c; lb. 60c;
5 lbs. \$2.75; 10 lbs. \$5.25.

Giant Half Sugar Rose. (95 days). White, with a rosy top; flesh pure white.

Golden Tankard. (95 days). Golden fleshed; roots half long.

Klein Wanzleben. (65 days). A large yielder, grown for sugar, and winter food for cows.

Mammoth Long Red. (115 days).

BEANS are listed on page 2.

BEANS

1 lb. sows about 100 ft.;
45 to 100 lbs. to the acre.

CULTURE. A light loam is best. Plant when the apple tree is in bloom, and repeat every two weeks until within 50 days of frost. In field culture, sow in drills $2\frac{1}{2}$ to 3 feet apart. In garden culture, with hand cultivation, rows 2 feet apart. Sow seed in proper quantity to ensure one vine to every two or three inches. Closer planting or too deep cultivation when in bloom, decreases the yield. Average height of the bush beans is 15 inches. Under average good growing conditions, you may expect 125 to 150 bushels of green pods per acre.

MAIL PRICE OF ALL EXCEPT BUSH LIMAS

Pkt.	\$0.10	15 lbs. or more by express or freight, not prepaid,
$\frac{1}{2}$ lb. ....	.20	@ 17c per lb.
1 lb. ....	.35	
2 lbs. ....	.60	
5 lbs.	1.25	
10 lbs.	2.30	

Green Podded Bush

Dwarf Horticultural. (Roman). (40 days). Broad, thick, curved pods $5\frac{1}{2}$ to 6 inches long, with carmine splashes on the successively green to yellow skin. The mottled beans are fair sized, tender, of

fine flavor. This bean can be used three ways: as a snap bean while they are young; or two weeks later they are a fine green bean for shelling; and when ripe there is no bean better for baking. They also make a splendid dry winter bean.

Early Bountiful (42 days). Vigorous plants,

practically rust and mildew proof, and very prolific; one of the very first and among the latest to quit production. Pods are thick, flat, light green, stringless in their delightful snap stage, with very little string on the old pod. Pods $6\frac{1}{2}$ inches long by $\frac{1}{2}$ inch wide, long-tipped and of straight form, continuously brittle. Seeds are straw colored.

Full Measure. (45 days). Medium early, the well-branched, rounded plant bearing an abundant crop. Perfectly stringless, round, very fleshy, deep green pods 5 to 6 inches long. The quality is superb, the flavor rich and satisfying.

Stringless Green Pod (40 days). An early cropper, very attractive on the market bench because of its deep green color, its long, thick, round, fleshy pods, and the obvious stringlessness in reality as well as in name. The pods are tender and brittle, of unexcelled quality in every stage. This variety is one of the most popular beans in America for both home garden and market.

Tendergreen (52 days). A popular new variety; 7-inch pods. A good green in color, extra tender in texture, of delicious flavor, beans large and round; stringless. The vines are vigorous and very productive.

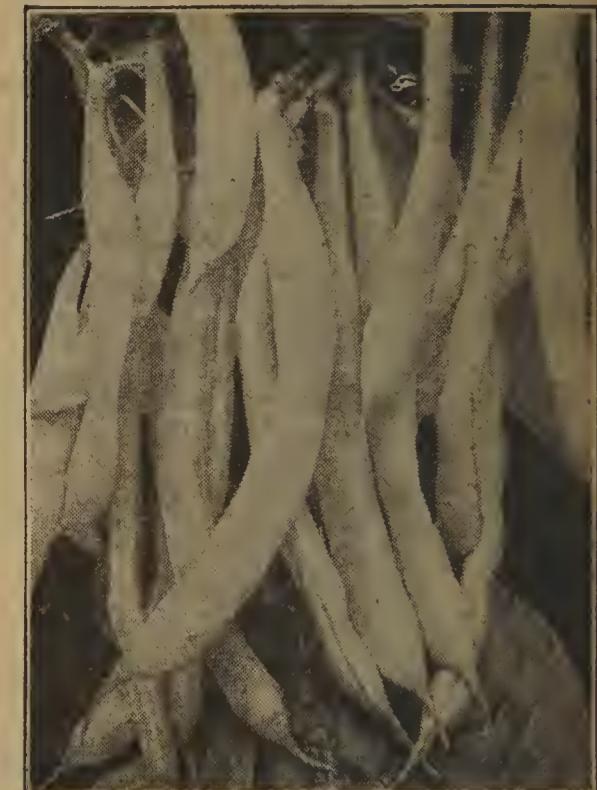
Yellow Pod or Wax Bush

Dwarf Unrivalled Wax. (30 days). Notable as the earliest Wax Pod Bean. The yellow 6-inch pod is nearly straight with curving tip. A heavy cropper, free from rust and blight, the beans of excellent flavor.

Early Wonder Wax. (35 days). Makes a strong plant 18 inches high, always well set with pods 5 to 7 inches long. These are flat, plump, meaty, and of a tender brittleness; their clear yellow color seldom scarred by rust.

Improved Golden Wax. (40 days). Pods are of good length, oval and thick, entirely stringless; clear, waxy, golden yellow, with fine buttery flavor.

Pencil Pod Black Wax. (40 days). Extremely prolific, of true bush form, maturing early; beans measure 6 to 8 inches long, slightly curved; pencil thick; brittle, stringless; golden.



Improved Golden Wax

Round Pod Kidney Wax (Brittle Wax). (45 days). Large, lemon-yellow, fleshy pods which hang thickly on the plants; fine flavor, stringless, free from rust.

Sure Crop. (45 days). 6-inch pods, flat, stringless, blight resistant; golden yellow. Choice new kind.

Wardwell's Kidney Wax. (48 days). Very popular. The strong vines yield abundantly, pods long, flat, broad, brittle, of a delicate waxy yellow color.



Early Bountiful

Pole Lima Beans

Liable to rot if it is cold and wet, must be planted the last of May or first week in June, about 1 inch deep, with the eye down. Set poles 3 feet apart. Be liberal with seed, but thin to 3 or 4 plants.

Carpinteria. (75 days). 3 to 5 large, meaty beans to the pod; fine flavor and quality, retain their green color.

Early Leviathan. (75 days). Pods contain 3 to 4 large tender beans of the best quality and fine flavor.

Giant Podded. (90 days). A prodigious cropper, with great, well-filled clusters.

King of the Garden. (85 days). Vigorous, bearing large beans profusely.

Old Homestead or "Kentucky Wonder." (65 days). Enormously productive; edible green-podded of varying length but in best state at 7 to 8 inches.

FIELD BEANS

Red Kidney. (60 days). Large flat pods well-filled.

White Kidney. (60 days). Pure white beans even larger than Marrowfat.

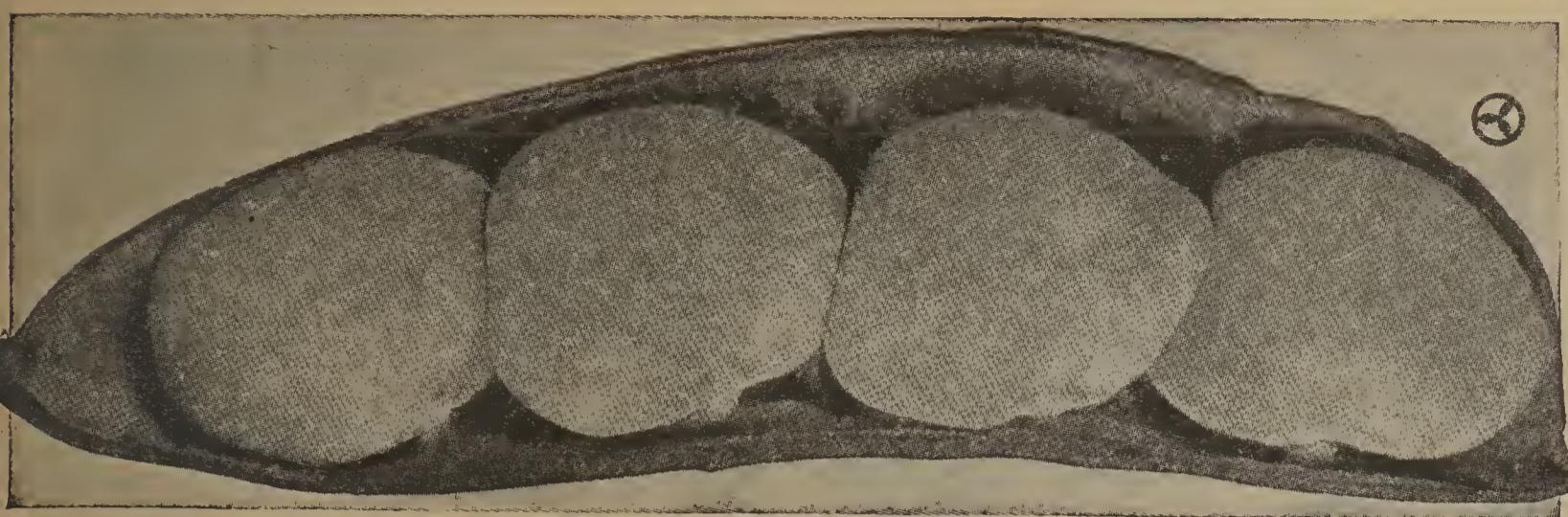
White Marrow. (60 days). Heavily grown for winter use. Twice the size of Navy.

INOCULATE WITH

The Improved Soil Inoculator, Robbie-Hiltner Process

NITRAGIN

Resides and Maintains Soil Fertility



Actual Size of the Fordhook Bush Lima

Bush Lima Beans

Equal to pole varieties in size. Plant in 3-foot rows, 4 inches apart; or in hills, 2 feet apart in the row.

PRICE Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 35c; 5 lbs. \$1.50;
10 lbs. \$2.75. By express, 25 lbs. @ 21c;
100 lbs. or over @ 20c.

Burpee Improved Bush Lima (75 days). Excellent flavored Beans, borne on large, vigorous plants. Extremely prolific, hanging in enormous clusters. Pods contain from 4 to 6 beans of greenish color.

BROCCOLI [Hardy Cauliflower]

Italian Green Sprouting (90 days). Makes a large head and many branching sprouts which are cooked like cauliflower, even milder in flavor, delicate and delicious. Sow seed in May and June; harvest in August and later. Pkt. 10c; $\frac{1}{4}$ oz. 15c; $\frac{1}{2}$ oz. 25c; oz., 35c; $\frac{1}{4}$ lb. 90c.

BRUSSELS SPROUTS

Improved Dwarf. (125 days). Miniature cabbages formed closely along a central plant stalk. The delicate flavor is improved by a touch of frost. For late use, sow seed in June. Pkt. 10c; $\frac{1}{2}$ oz. 15c; oz. 25c; $\frac{1}{4}$ lb. 65c.

CABBAGE

CULTURE. The early varieties should be sown very early in the spring in hotbed or later in open ground. Plant out 18 inches by 2 feet apart. The late varieties are usually sown by the last of May and the plants set out in July, in rows 3 feet apart and 2 feet apart in the rows. One ounce will produce 3000 plants. One-quarter pound of seed in beds, enough for an acre.



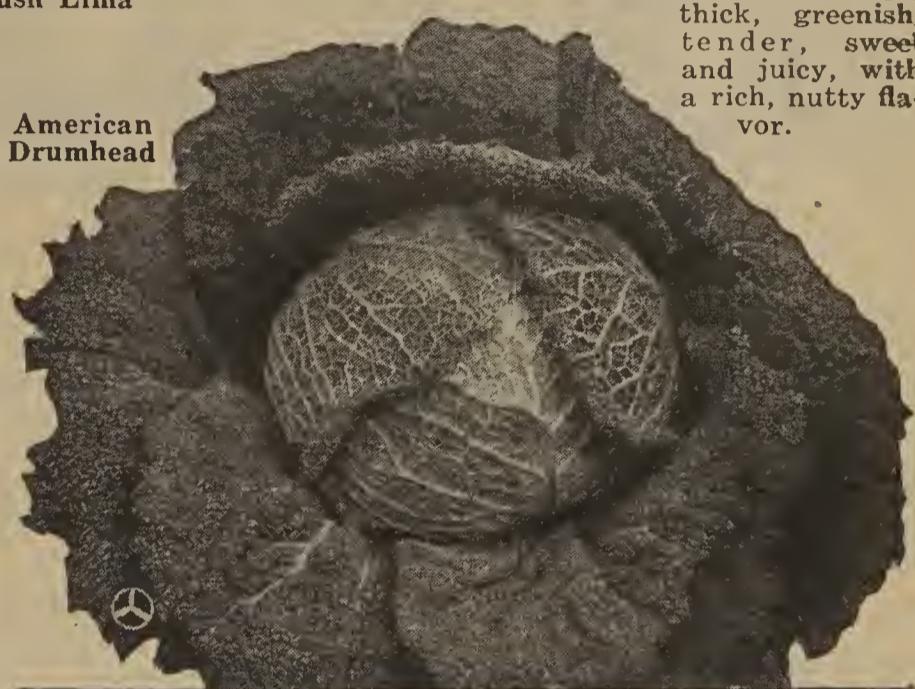
The Prolific Danish Ball Head

PRICE OF CABBAGE (except noted), POSTPAID:
Pkt. 10c; $\frac{1}{2}$ oz. 15c; oz. 25c; $\frac{1}{4}$ lb. 75c; lb. \$2.00.

Fordhook Bush Lima

(75 days).

Makes an ideal bushy growth with stiffly erect stems and branches. An enormous bearer of plump, well-filled pods in clusters of 4 to 6, all ready for use at the same time; upheld above the dirt, and so clean and free from rust and rot. The beans are large, thick, greenish, tender, sweet and juicy, with a rich, nutty flavor.



American Drumhead Savoy. (110 days). The Savoys excel all other cabbages in flavor, and this is the best of them. Compact on short stalks; leaves crinkled, deep green.

Copenhagen Market. (75 days). Produces magnificent heads similar to Danish Ball Head, weighing 8 to 10 pounds. The highest yielding early cabbage.

Danish Ball Head (110 days). Dutch Winter or Hollander. The heads are of medium size, solid and deep, averaging nearly 8 pounds. Quality unsurpassed, just as solid in spring as when put away. The best late cabbage, unexcelled as an all-purpose type for market, shipping, kraut or storage.

Early Jersey Wakefield. (70 days). This is the hardest heading and most dependable of the extra early sorts. Small, compact, pointed, of crisp texture, and fine flavor.

Golden Acre (65 days). A recent Danish introduction, valuable for extra hardiness; extreme earliness; uniformity in size and development, with the desirable firmness of later sorts. Round heads of medium size.

Mammoth Rock Red. (110 days). By far the best, largest and hardest heading Red Cabbage ever introduced.

Penn State Danish Ball Head. (120 days). This is a fine new variety developed at Pennsylvania State College. Productive, late, uniform, attractive, hard 7-inch heads. An excellent large-yield winter type resembling Danish Ball Head, but slightly more flattened.

Pkt. 10c; oz. 35c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.

Premium Flat Dutch. (110 days). Dependable for late use. **Sure Head.** (86 days). Makes a solid large head, with few loose leaves. A good keeper.

Wisconsin Hollander A yellows-resistant strain of Danish Ballhead. It will produce fine yields even on infested land. Extra good for yield, keeping quality, for kraut, storage and shipping.

Pkt. 10c; oz. 30c; $\frac{1}{4}$ lb. 90c; lb. \$3.00.

CHINESE CABBAGE (70 days)

CULTURE. For early use sow in hotbed in February or March. When 4 inches high transplant, if the weather is suitable, 1 foot apart in 2 $\frac{1}{2}$ -ft. rows. For late or main crops, sow in August or early September.

Pe Tsai While not a Cabbage, it is closely related, both belonging to the Brassica family. When well grown, makes a head 15 inches long and 4 to 5 inches in diameter, blanching to a beautiful white. May be eaten as a salad or is delicious when cooked like cabbage.

NEW CELERY CABBAGE

Improved Pekin (or Chihli). (70 days). A wonderful new salad plant; resembling both Celery and Cos Lettuce, but with a delicious flavor all its own. May be boiled like Cabbage, or cooked as greens, or served as a crisp, tasty salad. Best in cool weather but not hardy to frost.



Grow Your Own Celery and Market the Over-Crop

CARROT

CULTURE. Cover the seed about $\frac{1}{2}$ inch, pressing the soil firmly. Sow as early in spring as the ground can be worked; and for late crop from May 1st to June 1st, in drills 15 inches apart. Thin to 3 or 4 inches apart in row. $2\frac{1}{2}$ pounds of seed will sow an acre, or 1 ounce to 200 feet of drill.

CARROT PRICES — POSTPAID:
Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. 90c.

Chantenay (60 days). Uniform shape, intermediate in size, deep golden orange; fine for table use.

Red Cored Chantenay (60 days). Excellent for slicing, and dicing for soups, salads, etc., because, like Nantes, the deep orange heart is the same as the flesh, and does not turn yellow when cooked. The roots are uniform, with small tap roots and small collars. Tops short, foliage fine-cut but firm and substantial for bunching.

Danvers. (75 days). Smooth, good size; best for stock.

Imperator (75 days). A recent notable introduction. Tops medium but strong enough for good bunching. Roots have sloping shoulders, tapered to a semi-blunt end. Smooth deep rich orange throughout; fine grained, and tender.

Improved Long Orange. (75 days). A long variety.

Improved Nantes. (65 days). Half-long, almost cylindrical, blunt end and very small tap root. Flesh fine grained, with very little core, both smooth skin and flesh deep orange.

Ox Heart. (75 days). A short, thick variety good either for family use or market, and profitable for feeding.

Pride of Denmark This new Carrot from Denmark is immensely productive, 6 to 8 inches long, uniformly thick, an attractive deep orange color which continues all the way through; quality unsurpassed.

Touchon. Highly desirable for both home and market garden. Tops small. Roots deep orange, cylindrical, stump-rooted. Flesh bright orange, tender, sweet, of fine flavor; core inconspicuous.

CAULIFLOWER

CULTURE. Cauliflower are partial to a rich fibrous loam well charged with humus. An occasional light dressing of nitrate of soda and potash is beneficial. Make the soil as fine as possible for every transplanting, and do not allow the young plants to become checked at any time for want of water. For spring and early summer use, sow in January or February in hotbed, and transplant to cold frames 2 or 3 inches apart, when sufficiently large; and to the garden 24 to 30 inches each way, as soon as the ground is warm enough. For late autumn crops sow in the early part of June, and transplant in July. When the heads are formed, tie the leaves up over them to blanch. One ounce of seed produces about 3000 plants. (Days noted mean from medium sized plants to heading time).

Danish Giant or Dry Weather. (70 days). A large variety and a splendid drought resister. Heads are large, and make a splendid pickling type.

Early Snowball. (60 days). Very early, and one of the surest to head. If seed is sown March 1st, large sized heads will be produced early in June. Its dwarf habit of growth renders it one of the best for forcing under glass. Valuable for late planting also.

Both kinds: Pkt. 10c; $\frac{1}{4}$ oz. 35c; $\frac{1}{2}$ oz. 65c; oz. \$1.15.

CELERY

3000 to 5000 plants per oz.

CULTURE. Sow in open ground as soon as the soil can be perfectly worked; roll or firm the lightly covering soil to retain moisture, as the seed is slow to germinate. Transplant in June or July to a previously prepared bed made considerably richer than seed bed, 6 to 8 inches apart in the row. Single rows should be 4 feet apart, but twin-rows 10 inches apart should skip 6 feet. Give plenty of water from sowing to pulling. To blanch, draw up the earth within boards.

PRICE

(Except noted) Postpaid:
Pkt. 10c; $\frac{1}{2}$ oz. 20c;
oz. 35c; $\frac{1}{4}$ lb. \$1.00.

Columbia. (110 days). Of medium height but very stocky and heavy, the foliage a distinct light green tinged yellow. The stalks are thick, almost round, a rich yellow tint.

Giant Pascal. (135 days). For second early and midwinter use. The stalks are large, thick, solid, crisp, of rich nutty flavor, free from bitterness.

Giant Pascal Special Strain. Thick, solid, heavy-ribbed stalks which blanch easily to a clear waxy yellow. Free from stringiness, and a good yielder. Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.10.

Golden Self-Blanching. (110 days). Rarely, if ever, pithy; and of a rich golden yellow color, self-blanching. Our seed is genuine French grown for market gardeners' demand. Pkt. 10c; $\frac{1}{2}$ oz. 40c; oz. 75c; $\frac{1}{4}$ lb. \$1.80.

CELERIAC, Giant Prague. (125 days). The root is turnip-shaped, sweet and tender, and may be cooked like turnips or eaten like radishes; used largely for seasoning.

CRESS

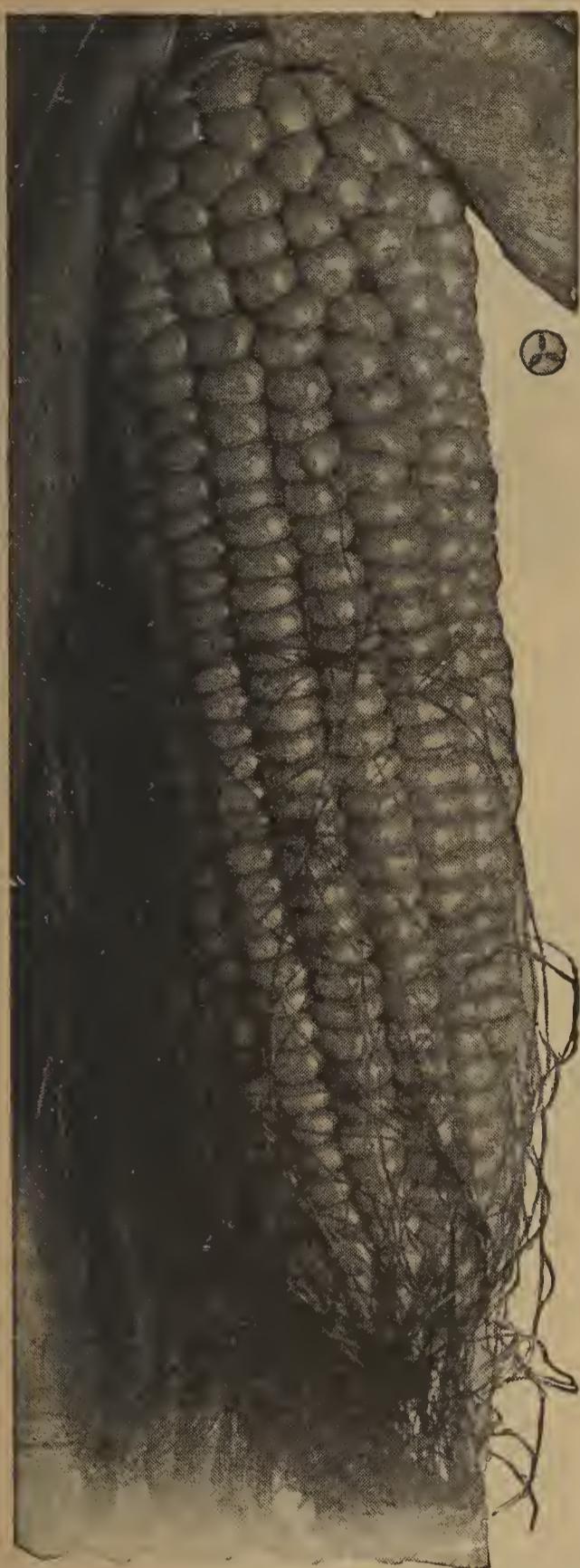
Pepper Grass, Extra Curled. Sow rather thick in shallow drills and at short intervals during the season.
Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c.



Super Snowball Cauliflower

Super Snowball Cauliflower (60 Days)

A newer early main-crop variety, superior to the Snowball type because of more uniform development and more perfect heads. A distinct advantage is the curled formation of its leaves which, like a parasol, protects the tender head from the sun. Plant dwarf, compact, upright and robust. Heads 6 to 8 inches across; deep, solid, snow-white; of delicious flavor. Pkt. 10c; $\frac{1}{4}$ oz. 65c; $\frac{1}{2}$ oz. \$1.00; oz. \$1.90.



Golden Sunshine

Sweet Corn

CULTURE. Use any good soil; but should not be planted until the danger of heavy frost is past, and the main crop or late sorts should not be planted until the ground is quite warm. If planted in hills, for early varieties the hills should be 3 feet apart each way, for later varieties 3½ to 4 feet apart each way, dropping 4 to 6 kernels in each hill. When 6 inches high, thin to 3 or 4 plants in a hill. Hoe frequently until the tassels appear. One-half pound for 100 feet; 15 lbs. per acre. If planted in rows, have the rows 3 to 4 feet apart, dropping the seed 1 to 1½ feet apart. A bushel of Sweet Corn weighs 50 lbs.

PRICE

Except as noted,
by mail, postpaid.

Pkt. . .	\$0.10
½ lb. . .	.20
1 lb. . .	.35
2 lbs. . .	.65
5 lbs. . .	1.50
10 lbs. . .	2.50

★ See page 1 for
Exp. deduction.

By Exp. or Frt. (not
prepaid), 50 lbs. or
more of standard kinds
@ 17c per lb.

Yellow Varieties

Bantam Evergreen (Golden Evergreen). (70 days). The result of a cross between Golden Bantam and Stowell's Evergreen, with the good qualities of both parents; as sweet as Golden Bantam, of the same beautiful color but with an ear nearly as large as Stowell's; the kernels deep grained.

Barden's Wonder Bantam. (60 days). An improved Golden Bantam—early, richly colored, plump, juicy and distinctively flavored, producing higher up on taller stalks (5 to 6 feet), ears much longer (8 to 10 inches), greatly increasing the tonnage per acre.

Golden Alpha (60 days). A new creation by careful crossing and selection of Barden's Wonder with Alpha. Ears 6 to 8 inches long, cylindrical, and uniformly 8-rowed. Kernels rich, golden cream in color; flavor and quality unsurpassed. Stalks sturdy and vigorous.

Golden Bantam. (60 days). The most popular Sweet Corn ever used. "Golden Bantam" is a household word. Matures with the earliest and by making a planting every 2 weeks may be had from early summer until frost. Kernels are a rich golden yellow, tender, with a flavor rich and pleasing. Ears 8-rowed, 6 to 7 inches long.

Golden "Colonel" All-American.

This new variety combines the well-known merits of America's best-loved corns—Golden Bantam and Country Gentleman. It won an Award of Merit in the All-America trials for 1936. In late season, large size of ear, and "shoe-peg" kernel, it resembles the latter, but only the Golden Bantam strain could produce its rich color and toothsome sweetness. Pkt. 10c; ½ lb. 25c; lb. 45c; 2 lbs. 80c; 5 lbs. \$1.75.

Golden Cross (70 days). Produced by Purdue Experiment Station. Stalks 5½ to 6 feet high. Ear medium thick, with short point, average length 7 to 8 inches; rows 10 to 12. The golden grains are of medium length, and uniform. An excellent hybrid of fixed character; of choice quality and high yield; noted for immunity to Stewart's Wilt Disease. Pkt. 10c; ½ lb. 30c; lb. 50c; 2 lbs. 90c; 5 lbs. \$2.00.

Golden Gem (43 days). This entirely new variety was developed by the North Dakota Agricultural College. The ears, which are about the same size as Bantam, are deliciously sweet and grow very low on a short stalk. In fact, the lower ear sometimes is on the stalk at a point just below the surface of the soil.

Golden Sunshine (50 days). Blue skies and sunshine have combined their divinely guided chemistry to produce the nectar-like sweetness of this golden Corn. The ears are compact, about same size as Golden Bantam but more refined in appearance, having from 10 to 12 rows of grains instead of eight as Golden Bantam. Very rapid grower.

Whipple's Early Yellow. (55 days). Double the size of Golden Bantam, only a few days later, and is of fine quality. The ear is 7 to 8 inches long and has 12 to 16 rows of large kernels.

White Varieties

Country Gentleman. (70 days). This is sometimes known as "Shoe-peg," from the small peglike kernels irregularly placed on the cob. Medium sized ear, with small cob, giving great depth to the kernels. Quality distinctive.

Stowell's Evergreen. (80 days). The old popular variety. Hardy and productive; tender and sugary, remaining a long time in a condition suitable for eating. A good sort to plant for fodder, as it makes a rank growth of heavy forage.



Golden Bantam



Country Gentleman



POPCORN

Winter nights before the hearth fire or around the kitchen range, are incomplete without the scent and cheery music of popping corn.

CULTURE. Sow in rows 3 feet apart soon as beans can be planted, using more than one row, to insure pollination, covering 2 to 3 inches deep with fine soil. Thin plants to stand 10 to 12 inches apart.

Australian Hullless or Japanese. Also known as "Tom Thumb" or "Bumble Bee" Popcorn. Distinguished by an absence of hull or shell when popped. Dwarf growing but a heavy yielder of short, chunky ears. The kernels are pearly white, unusually long and slim, of splendid popping quality and appealing flavor.

Queen's Golden. Stalk 5 to 6 feet; 2 or 3 large ears each. Kernels rich yellow but pop out pure white, over an inch in diameter.

Dynamite or "T.N.T." A new type which "pops" fast and merrily; distinctly emphatic in all its traits. The tallest stalks, 6 to 8 feet; the longest orange colored ears, 9 inches or more and three to a stalk; the biggest, roughest, fluffiest popped kernels, creamy yellow in color, with a delicious new flavor.

PRICE:	
Postpaid	
Pkt.	\$0.10
1/2 lb. . . .	.20
1 lb. . . .	.30
2 lbs. . . .	.50
5 lbs. . . .	1.00
10 lbs. . . .	1.75
Express or freight (not prepaid):	
50 lbs. or more	50c per lb.
@ 12c per lb.	



Davis Perfect Cucumbers

Boston Pickling (50 days). Distinct, very prolific and exceedingly popular variety, largely planted for medium size pickles. The fruits are short, smooth, bright green; of excellent quality.

Davis Perfect (50 days). A first-class variety for forcing under glass; also for outdoor culture and shipping; being very adaptable to both slicing and pickling. The color is a dark glossy green; smooth; desirable shape, 9 to 11 inches long by 2 1/2 inches thick, tapering at both ends; almost seedless; very prolific.

Early Fortune (52 days). A good all-around Cucumber. The rich dark green fruits when at the slicing stage, average 7 1/2 to 8 inches in length. The flesh is firm, with a small seed cavity, making it a good shipping and market as well as pickling sort, producing an enormous quantity.

Improved Chicago Pickling. (68 days). Very popular with the market gardeners. Fruit is of medium length, pointed at each end with large and prominent spines, color deep green; extremely prolific.

Improved Long Green (65 days). Slicing and pickling. Of excellent quality, dark green, firm and crisp; extra long, tapering at the stem end, 12 inches in length.

Monarch or Heinz's Pickle. (55 days). Very prolific and one of the most popular kinds for pickles. The young fruit is short, straight, square ended and deep green in color.

National Pickling. (50 days). Early, high-yielding variety especially bred for pickling in the small sizes. Fruits straight, symmetrical, and blunt-ended, but not chunky. Pack without waste space. Color deep green. Makes firm crisp pickles.

Staygreen (55 days). A heavy yielder of uniform handsome fruits 7 to 8 inches long that are a beautiful dark green color from end to end; earliness, productiveness, fine color and uniform shape are its strong points of excellence.

Straight Eight (New). This Cucumber received the 1935 All-America Gold Medal award as being one of the most outstanding vegetables of the year. The cylindrical fruit is 8 inches long by 1 1/2 inches in diameter, well rounded at the ends. When ready for use, it is an attractive deep green color. Very desirable for both home and market use.

Pkt. 10c; oz. 20c; 1/4 lb. 60c; lb. \$2.00.

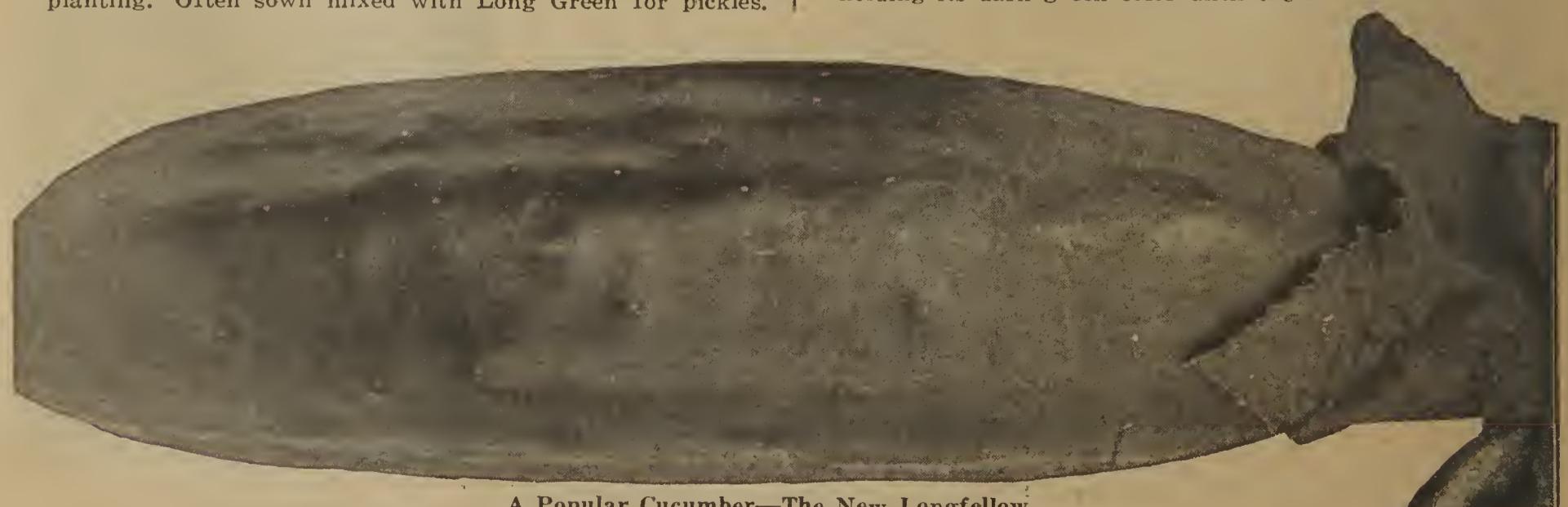
The New Longfellow A short description for a long cuke. The desirable fruit averages 12 to 14 inches in straight length by about 2 1/2 inches in diameter and is borne early and in real abundance despite its great length. One of the very few Cucumbers which, when grown outdoors, resembles the hothouse type; holding its dark green color until the last.

CUCUMBER

Cucumbers succeed best in rich loamy soil. As soon as the weather becomes warm and settled, plant in hills 4 to 6 feet apart each way, with 10 to 12 seeds in a hill; cover one-half inch deep. Air slaked lime, "Slug Shot" or "Stop Vermin" sprinkled on the plants every few days as soon as they are up, will protect them from most bugs and worms. "Arsenate of Lead" gets the most dangerous enemy, the striped beetle. When all danger from insects is past, thin out plants, leaving 3 or 4 of the strongest to each hill. The fruit should be picked when large enough, whether needed or not, to save productiveness. One ounce to 50 hills; 2 to 3 lbs. per acre.

PRICE — POSTPAID (Except as Noted):
Pkt. 10c; oz. 15c; 1/4 lb. 40c; lb. \$1.25.

Arlington White Spine (55 days). Rich green in color and very productive. One of the best varieties for forcing, equally good for outdoor planting. Often sown mixed with Long Green for pickles.



A Popular Cucumber—The New Longfellow

EGGPLANT

CULTURE. Sow in hotbed early in March, transplant when 3 inches high. After danger of frost is past, transfer to the garden $2\frac{1}{2}$ feet apart each way. Make soil rich.

PRICE: Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c; $\frac{1}{4}$ lb. \$1.25.

Black Beauty. (140 days). The fruits are broad and thick, of attractive form and finest flavor; rich purplish black. **Improved Large Purple.** (125 days). Fruit remarkably large, often measuring 12 inches in depth and 9 inches in diameter, weighing 5 to 6 pounds.

ENDIVE

CULTURE. For early use sow in April; for late or main crop, in June or July, in drills 14 inches apart; when 2 or 3 inches high thin to 1 foot apart in the drills. When fully grown should be blanched.

PRICE: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Batavian Full Heart. (40 days). Improved Broad Leaved, larger in leaf and head, earlier. Superior for market.

Green Curled. (45 days). Deep cut leaves; crowded, dense at center, readily self-blanching. Fine for salads.

KALE

CULTURE. Kale is one of the hardiest of "Greens" belonging to the Cabbage family. Sow either in rows or broadcast; in early spring, for summer and fall use; August or September for spring use.

Dwarf Green Curled. (55 days). This is the most dwarf popular variety.

Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.

KOHL RABI

A turnip-rooted Cabbage, the edible part being the swollen, fleshy bulb which grows on a stalk a few inches above the ground. Use before bulbs get to be more than 2 inches thick. Remove the thick outer skin before boiling, and serve like turnips, the flavor uniting both cabbage and turnip. Sow $\frac{1}{4}$ inch deep, in drills 2 feet apart; thin to 8 inches apart.

Leaf Lettuce—Grand Rapids

Early White Vienna. (50 days).

Purple Vienna. (70 days).

LEEK

American Flag. (70 days). Closely allied to the Onion, it is used in soups, stews or boiled whole and creamed; its mildness and distinctive flavor making it very popular. The entire lower portion or neck of the plant is used; 2 inches thick by 10 inches long. Sow early in the spring in drills $\frac{1}{4}$ inch deep and 1 foot apart. When 6 or 8 inches high transplant as deep as possible, to blanch the neck.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 60c.



Head Lettuce—New York or "Wonderful"

HERBS

They should be cut on a dry day just before full bloom, and hung up to dry.

Anise. (55 days). Leaves used for flavoring, garnishing and cordials; seeds in baking.

Pkt. 10c; $\frac{1}{2}$ oz. 15c; oz. 25c.

Caraway. (60 days). Leaves used for flavoring soups, etc. The second year the aromatic seeds are used to flavor bread, cookies, cake, etc.

Pkt. 10c; $\frac{1}{2}$ oz. 15c; oz. 25c.

Dill. (70 days). Leaf, stem and seed much used for flavoring; indispensable in Dill Pickles.

Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c.

Lavender. (60 days). Perennial. Delicate, permeating fragrance; for scenting wardrobes and other clothes containers.

Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.

Rosemary. Fragrance and pungent taste make this a good seasoning for meats and soups.

Pkt. 10c; $\frac{1}{2}$ oz. 45c; oz. 75c.

Sage. (70 days). The leaves and tender tops are used to season dressing and sauces. A medicinal tea is also made from the dried leaves. Perennial.

Pkt. 10c; oz. 30c.

Sweet Marjoram. (70 days). Used as a relish in soups, broths and dressings. Perennial.

Pkt. 10c; oz. 25c.

Thyme (English). (70 days). An aromatic perennial about 12 inches high; quite ornamental, with tiny lilac flowers. The leaves are used for flavoring soups, gravies, stews, sauces and dressings; also efficient brewed as a tea for headaches.

Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.

Herb Garden

One pkt. each above, 8 pkts.
in all, for

60c

LETTUCE

CULTURE. Sow very shallow in hotbeds in March, and transplant as soon as the ground can be worked. Then sow in the open ground in rows 1 foot apart; thin out plants to 1 foot apart in the rows. Sow often. One ounce will sow 125 feet of drill to produce 3000 plants.

PRICE All varieties (except as noted):
Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.15.

Big Boston (50 days). Especially valuable for summer and fall use out-of-doors, and for hotbed and cold frame culture. Forms a firm, well folded head, buttery yellow at the heart.

Black-Seeded Simpson. (40 days). The leaves are thin, crisp, tender, broad, light green; very early.

Denver Market. (45 days). For forcing or open ground; the crisp leaves curled and crimped.

Early Curled Simpson. (40 days). A compact mass of yellowish green.

Early Prize Head. (50 days). Bright green, tinged with brownish red, of superb flavor, tender and hardy.

Grand Rapids (38 days). Most popular loose-leaved variety. Best forcer for winter and early spring. Leaves light green, broad, curly and heavily fringed.

Iceberg (55 days). No Lettuce surpasses Iceberg in quality. The heads are very solid, of medium size, with few green outer leaves. The white heart is crisp and delicious.

Imperial (55 days). Heads large, solid and attractive. An excellent shipper. Resistant to brown blight, and partially resistant to mildew; does well under varying weather conditions. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.40.

Improved Hanson. (45 days). Heads large, fine form, sweet, tender and crisp, color green outside and white within. Intermediate between the types (black seeds).

New York (Also "Wonderful" and "Los Angeles"). (55 days). A remarkable Head Lettuce famous from coast to coast. Immense round heads about 15 inches across, weighing 2 to 3 pounds, crisp and solid. Deep rooted and drought resistant. Pkt. 10c; oz. 20c; $\frac{1}{4}$ lb. 50c; lb. \$1.50.

Wayahead. (42 days). Sure to head; of large size, tightly folded, the interior blanched to a rich butter-yellow.

White Self-Closing Cos (55 days). Beautiful light colored outer leaves, centers blanching to a pure white, very tender and delicious.

New Chicken Lettuce Grown as a "greens" plant for chicken or rabbit feed. When cut, it starts to grow again like a Kale, which can be pulled off each stem. Does not make a head, but sends up a stout stalk 3 or 4 feet high, just loaded with leaves. (45 days).



Dill



Hearts of Gold Muskmelon



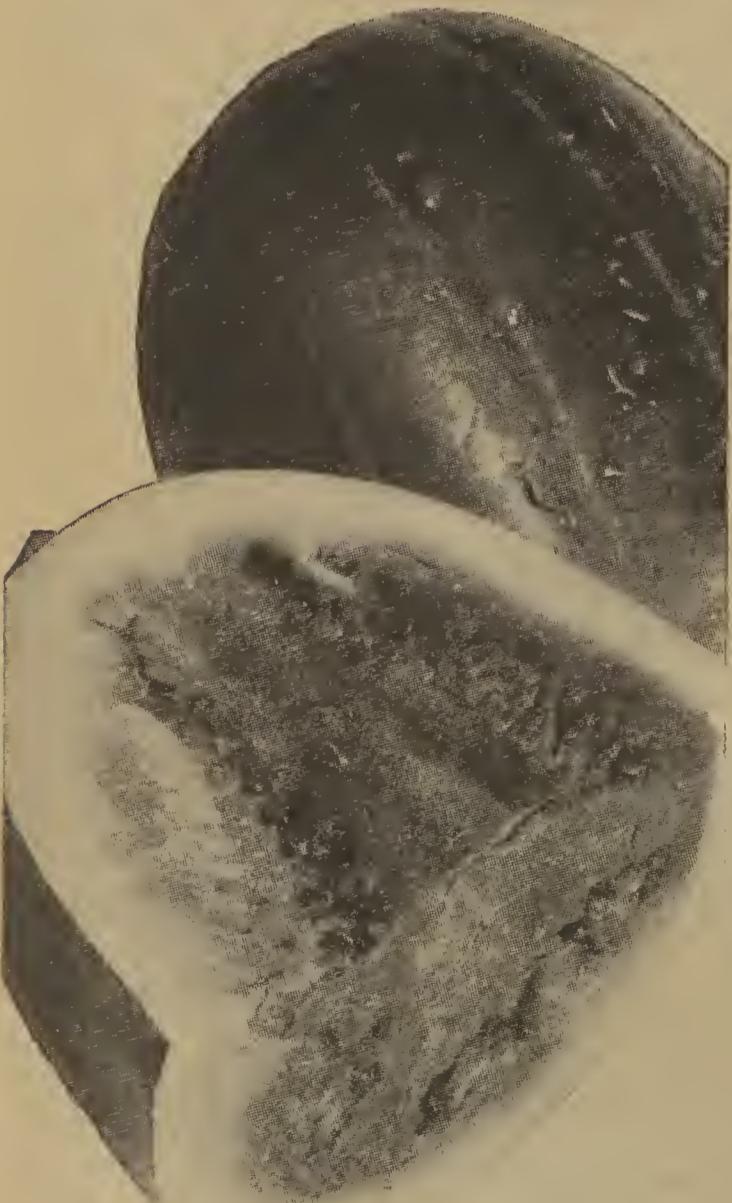
Hearts of Gold Muskmelon



Winter Watermelon



Harris' Earliest Watermelon



Tom Watson Watermelon

MUSKMELO

CULTURE. Melons require rich soil. Sow 10 to 15 seeds to each hill, which should be 6 feet apart each way. When well started, thin out to 3 or 4 strongest plants. One ounce will sow or plant 50 hills, 2 or 3 pounds to the acre.

PRICE: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 40c; lb. \$1.25.

Bender's Surprise. (80 days). Oval, coarsely netted, averaging 7 pounds; of delicious flavor and sweetness. The deep orange flesh is very thick, the rind very firm, keeping a week after picking.

Early Hackensack. (60 days). Extra early, large and productive. Fruits deeply netted, flesh light green; of most excellent quality. Recommended for sections with a short season.

Hale's Best. (68 days). Elongated oval, heavily netted. Its popularity is due not only to outstanding earliness, but particularly to the luscious flavor and sweetness of its salmon flesh.

Hearts of Gold. (70 days). Good to look at with its fine netting, fairly distinct ribs, uniform just-right table size, and satisfying abundance. The flesh is a luscious pink and gold, with little waste in seed cavities; flavor unexcelled; shipping profitably.

Honey Rock (80 days). An entirely distinct new variety; extremely prolific, large in size, of attractive appearance (round, not ribbed, heavily gray-netted over golden yellow), so tough it handles and ships perfectly. Its deep, melting, orange colored flesh with tantalizingly sweet aroma, is an irresistible inducement to take, eat and enjoy one of the best flavored Melons ever produced. A great market seller.

Improved Perfecto (80 days). An outstanding market kind, very successful for shipping. A good cropper. Fruits nearly round, weigh $2\frac{1}{2}$ pounds, completely covered with hard gray netting, without ribs. Flesh very thick, extremely small seed cell; deep salmon color; fine grained, juicy, sweet.

Lake Champlain (70 days). Medium sized, intricately netted, moderately ribbed; the flesh is deep, very sweet and melting, beautiful golden yellow; plant vigorous.

Osage (75 days). Of uniform quality, sweet and spicy. Thin skin dark green, slightly netted; flesh deep salmon.

WATERMELON

CULTURE. Sandy soil is best, but light loam is good; either kind requiring perfect drainage and rich fertilization. Wait for warm weather; sow 6 to 8 seeds $\frac{1}{2}$ inch deep in hills 8 feet apart each way, thinning to 6 plants. After all danger of bugs is past, further thin to 4 plants. One ounce plants 20 to 40 hills or 4 pounds for one acre.

PRICE: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 80c.

Fordhook Early (60 days). Extra early, fine flavor and large size; medium green. Flesh red and sweet.

Harris' Earliest (60 days). Best variety for northern latitudes, largest and sweetest of all the early Melons. Oval, green striped with gray, attaining 20 to 30 pounds. Firm, hard rind, shipping well; flesh bright red and tender.

Stone Mountain (85 days). Also called "Dixie Belle." A high quality shipping variety recently introduced, and already of established popularity in northern markets. Equally good for home gardening. Fruits very large, oval-round with blunt ends; dark green, tough rind. Flesh scarlet, fine grained and sweet. Seeds white, black tipped.

Tom Watson (90 days). One of the very best shipping Melons. Long, cylindrical, uniform, dark glossy green, rind thin but very tough; flesh dark red, crisp, no strings and most delicious. Popular for its flavor and inner beauty and for the ease in carrying, stacking and handling due to its shape.

Winter Watermelon (80 days). A home grown Melon for your Thanksgiving dinner! Genuine midseason form and luscious flavor carried on into winter. Prolific, of medium size, round shape, yellowish rind; with flesh bright red, sweet as honey. Take fruits from field before frost, and store in a cool cellar.

MUSHROOM SPAWN

There is really no mystery about the culture of Mushrooms. Any home gardener with a fair understanding of its cultural requirements can grow them successfully in any climate, in a variety of locations, in any season. Try a brick or two, crumbled fine and broadcast under the trees in your back lawn. Keep moist.

We furnish complete cultural directions with each order. One brick is required for 10 square feet.

Lambert's Pure Culture Mushroom Spawn

This new method insures best quality, type and yield. By mail, postpaid: 1 brick, 50c; 2 bricks, 90c; 5 bricks, \$2.00; 10 bricks, \$3.50. By express (not prepaid): 10 bricks for \$2.75.

OKRA

CULTURE. Seed should be soaked before planting to insure quick and even germination; sow in rows 2 to 3 feet apart, and thin to 12 to 18 inches in the row. Gather pods when young.

White Velvet. (50 days). It is delicious in soups. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 65c.

ONION SEED

CULTURE. A strong, deep, rich and loamy soil is most suitable, or even a black sandy loam. Muck ground, drained to the depth of 2 feet, gives large yields. The ground should be heavily dressed with well-rotted manure, and plowed a moderate depth, taking a narrow furrow; if possible the plowing should be done in the fall. As early in the spring as the ground is in working order, harrow it thoroughly and make as fine and level as possible; sow thinly in drills one-fourth inch deep and 14 inches apart. Do not ridge up to the growing bulbs. One ounce will sow 100 feet of drill; 4 to 5 pounds per acre for large onions; 50 to 60 pounds for sets.

PRICE Pkt. 10c; oz. 30c;
 $\frac{1}{4}$ lb. 75c; lb. \$2.50.

Mammoth Silver King (80 days). A large, flat but thick, sweet, silvery white Italian variety, maturing very early. On account of its extreme mildness it is one of the best for salads and eating raw. To produce the largest Onions, transplant when the young seedlings are 3 to 4 inches high.

Mountain Danvers The Best Keeping Onion of All. Originated in the mountains of Colorado. Heavy yielder. Ripens early and is very hard and solid, without any thick neck. Is of good size, of slightly flattened globe shape like the Danvers Yellow Globe, but a darker yellow color. The crop ripens evenly, without any scallions, and will keep with less shrinkage or loss from any cause than any other Onion.

Prizetaker (100 days). Very large, globular, sometimes weighing 2 pounds; hardy, productive and a fair keeper. Outside skin is straw-yellow, flesh white, tender, mild, and sweet.

The Popular
Prizetaker

Ohio Yellow Globe (110 days). One of the finest yellow commercial Onions grown; of good size, true globe shape, absolutely free from any neck, a solid bulb and fine keeper. The most popular strain in the Ohio Onion belt.



Ohio
Yellow
Globe

Southport Yellow Globe. (110 days). A bright yellow globe, mild flavored and slender necked; good keeping quality.

Southport White Globe (120 days). Commands the highest market price, and is a fine winter keeper; good globe shape, clear white skin. To keep white color cure in shade.

Yellow Sweet Spanish (100 days). A very large variety of Spanish origin, an extra heavy yielder. Globular, with golden yellow skin, white flesh and of pleasing sweet flavor and extreme mildness. Desirable for market shipping and fall storage.

PARSLEY

Sow in rich, mellow soil; soak the seed 12 hours before sowing, which should be done in early spring, as they are very slow to germinate. When 1 or 2 inches high, thin out the plants to 6 inches apart in the rows.

PRICE: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c;
 $\frac{1}{2}$ lb. 60c; lb. \$1.00.

Hamburg or Rooted. (100 days). Grown for its piquantly edible roots. These are shaped and in size similar to Parsnips, with white flesh, the flavor very much like Celeriac. Useful as flavoring for soups and stews, and often cooked like parsnips. May be dug late and stored in dry sand for winter use.

Champion Moss Curled. (65 days). A compact growing, finely cut and beautifully curled variety, the favorite garnish. Late in the fall, a few plants may be dug and potted; set in a sunny window, will provide fresh leaves all winter.

PARSNIP

CULTURE. One ounce will sow 200 feet of drill; 5 pounds for one acre. Sow as early in the spring as the weather will permit, in drills 15 inches apart, covering half an inch deep. When well up thin out to 5 or 6 inches apart in the rows. Unlike carrots they are improved by frost, and it is usual to take up in fall only enough for winter use, leaving the rest in the ground until spring, to be dug as required. If cellar-stored, pack in boxes filled with slightly moist soil.

Hollow Crown or Long Smooth. (85 days). Roots oblong, ending somewhat abruptly with a tap root; best variety for general use. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; lb. 85c.

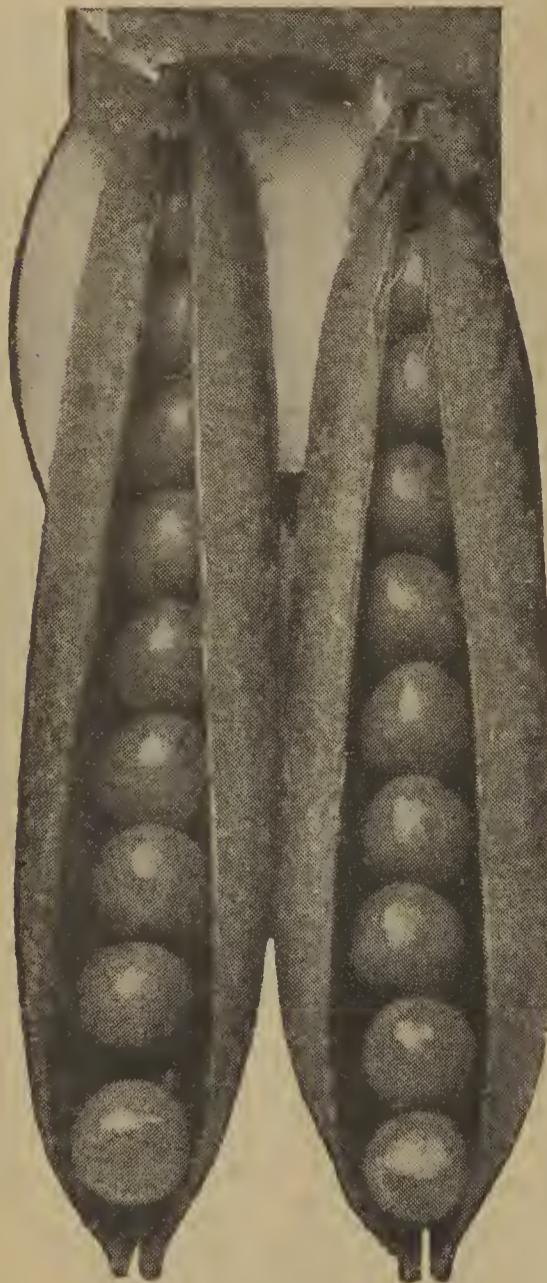
PEANUTS

CULTURE. Peanuts require light, rich soil well limed. Plant in the spring as soon as the ground has become warm, in rows 30 to 36 inches apart, placing the seed 6 to 10 inches apart in the row. Keep well hoed. When matured, pull and hang up to dry.

Valencia. A very desirable and productive Spanish bush type. Mild, sweet flavored, bearing 3 or 4 peas in each hull. Pkt. 10c; $\frac{1}{2}$ lb. 20c; lb. 30c; 2 lbs. 55c; 5 lbs. \$1.00, postpaid.

White Portugal or Silverskin. (95 days). This is a small silvery white Onion of flattened shape. Just the right size and quality for pickling whole, for which it is used almost entirely. Keeps well in winter.

Southport Red Globe. (110 days). An attractive globe-shaped variety; matures quite early, grows large and is very productive; skin deep red; flesh fine grained.



Blue Bantam Peas



Extra Early Alaska



Thomas Laxton.

PRICES of PEAS

BY MAIL, POSTPAID

Pkt.	\$0.10
½ lb.	.20
1 lb.	.30
2 lbs.	.50
5 lbs.	1.00
10 lbs.	1.90

By Exp. or Frt.
(Not Prepaid)
50 lbs. or more @ 16c.

If delivery is by express or freight—see table of DEDUCTIONS on page 1.

Extra Early Peas

Alaska and First and Best may be sown as soon as ground can be worked, usually early in March.

Alaska (Earliest of All). (45 days). Pods of perfect shape, well filled with smooth Peas of unrivaled quality; not very large but the vines are prodigious croppers. Height 2½ feet.

Blue Bantam. (55 days). The dwarf, vigorous vines average 15 inches in height and carry enormous crops of large deep bluish green pods. These measure 4 to 4½ inches long and are tightly packed with 8 to 10 extra large luscious Peas. Need no brush.

Everbearing. (65 days). Grows about 20 inches high; pods of good length; Peas very large, wrinkled, in quality unsurpassed.

First and Best. (45 days). Pods well filled with round, smooth Peas of excellent flavor. Extremely early, productive and hardy. Height 2½ feet.

Gradus. (55 days). One of the earliest wrinkled Peas, very hardy. The vine grows about 2½ feet high. Pods large and well filled.

Hundredfold. (50 days). Bountiful crops of broad, 4-inch pods which hold usually eight large, dark green Peas of wonderfully rich flavor. The vines are sturdy and heat-resisting, averaging 16 in.

Laxtonian. (50 days). Dwarf and bushy—about 14 inches—very productive of 4-inch blunt pods containing 8 to 10 Peas of unsurpassed flavor.

Laxton's Progress. (46 days). The earliest large-podded dwarf wrinkled Pea, an improvement of Laxtonian and 4 days earlier. Pods are 4 inches long, broad and pointed, deep green in color, containing 8 large deep green Peas, which are of the most delicious flavor.

Little Marvel. (53 days). Popular with market gardeners because of its extreme earliness and productiveness. The large, plump, dark green pods pack 7 to 8 squarish, wrinkled Peas of choice quality. Very dwarf.

Nott's Excelsior. (60 days). This excellent dwarf wrinkled extra early Pea is robust and vigorous and produces in profusion handsome pods, closely packed with large Peas of fine flavor.

Thomas Laxton. (50 days). One of the largest podded of the dwarf Peas. Matures with the earliest and is of a delicious flavor.

Medium Early Peas

Dwarf Champion. (65 days). This new Pea is one of the finest sorts we have ever tried. Vines make a healthy dark green growth and are well loaded with pods. The Peas, which are borne crowded in medium sized pods, are of the highest quality, possessing the rich flavor of the Champion of England. The growth is very dwarf, requiring no support.

Dwarf Sugar. (60 days). An edible podded variety of great sweetness and pleasant flavor, when picked young and cooked like string beans; a very popular usage in most foreign countries.

Dwarf Telephone or Daisy. (65 days). A medium late Pea of dwarf, stocky habit, healthy, vigorous growth, and productive, bearing large, handsome pods and peas of highest quality.

Late or Main Crop Peas

These late kinds may as well be planted at same time as the earlier ones. The tall varieties do very well planted in double rows with the line of brush set in at same time, allowing 3 feet of space between the lines.

Improved Stratagem (Pot-latch). (70 days). One of the finest dwarf wrinkled Peas; quality unsurpassed. Vines 18 to 20 inches. No sticking required. Loaded with pods that are crowded with immense dark green Peas.

Telephone. (70 days). One of the finest tall wrinkled marrows yet introduced. Vine strong, producing abundantly. The pods are of large size and filled with large delicious Peas. Height 3 to 4 feet.

INOCULATE PEAS WITH

The Original Legume Inoculator

NOBBE-HILTNER PROCESS

NITRAGIN

TRADE MARK REGD. DEC. 6, 1918 NO. 32212

Restores and Maintains Soil Fertility

See page 16.

Hungarian
Yellow
Pepper

PEPPERS

PRICE:
Pkt. 10c; $\frac{1}{2}$ oz. 20c;
oz. 35c; $\frac{1}{4}$ lb. \$1.00;
lb. \$2.75.

the weather is favorable. They may also be sown in the open ground when danger of frost is past. Thorough and frequent cultivation should be kept up until frost. One ounce will produce about 1500 plants; or one-fourth pound supplies transplants for an acre.

Bull Nose. (100 days). A standard early sweet variety. Plants very prolific. Fruits 3 to $3\frac{1}{2}$ inches long by 3 inches thick, with almost square ends. Flesh thick and sweet with mildly pungent ribs. Color deep green when young, bright crimson when ripe.

California Wonder Notable for its supreme thickness of flesh, three-eighths of an inch being normal. The fruits are blocky or square-shaped, slightly broader at stem end. Full grown fruits have a breadth of 4 inches and a length of $4\frac{1}{2}$ inches, often weighing a full pound. These sit up securely on a platter, making them ideal to stuff or bake, and pack closely for shipping. Smooth, dark green, ripen bright crimson. Of the finest quality, sweet, crisp and tender, entirely free from pungency. The plants are slightly spreading, sturdy and productive, bearing from 5 to 9 large fruits at a setting.

Harris Early Giant. (100 days). Earliest of all large-fruited sorts. Four inches high and three inches through. The Peppers are deep green, turning to brilliant red, with thick flesh, of sweet, pleasant flavor.

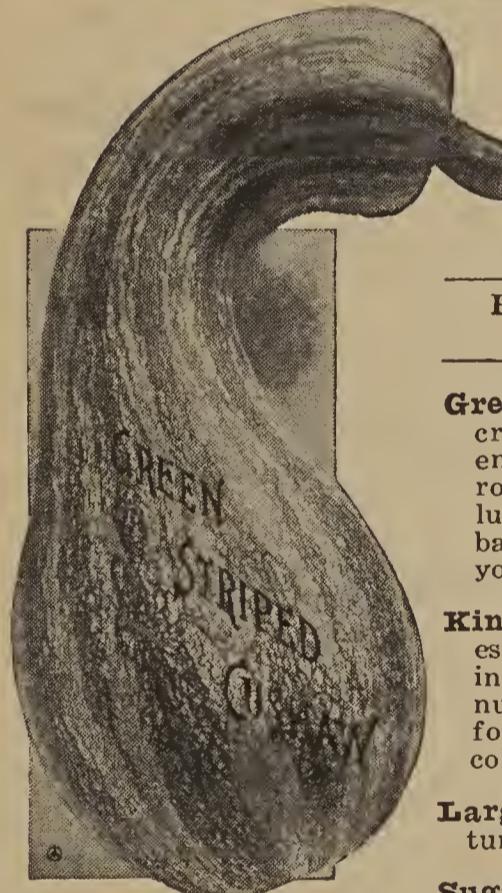
Hungarian Yellow (120 days). A useful, tasty semi-hot Pepper of great sectional popularity; thick fleshed, $2\frac{1}{2}$ by $4\frac{1}{2}$ inches, the glossy skin a light pearl, maturing canary-yellow.

Pimiento. (120 days). One of the sweetest Peppers grown; variously useful; for filling, in salad preparation, and for flavoring. It is thick fleshed, smooth and glossily green at first, maturing bright red.

Long Red Cayenne. (125 days). The favorite "hot" Pepper. A long, slim pod, rather pointed, bright red when ripe; extremely strong and pungent. Used for pickling and pepper sauce, for bunching with pot herbs and for winter use.

Ruby King. (130 days). A large and handsome variety, ruby-red when ripe. Although pungent, they are always mild and pleasant to taste.

Sunnybrook (110 days). Very early; very sweet, almost in a class by itself. The smooth, glossy fruits are tomato-shaped, 3 inches wide by 2 inches deep; uniform scarlet-red; the flesh thick and tender. Plants 18 to 24 inches high, enormously productive.

California Wonder
Peppers

A New Baking Pumpkin

PUMPKINS

CULTURE. Plant in good soil when the ground has become warm, in hills 8 to 10 feet apart each way; or with corn, in about every fourth hill. Three pounds per acre alone or about 1 pound with Corn.

PRICE OF PUMPKINS: Pkt. 10c; oz. 15c;
 $\frac{1}{4}$ lb. 30c; lb. 80c.

Green Striped Cushaw. (75 days). A long crooked neck, terminating in a round or oblong end enclosing a very small seed cavity; flesh surrounding seed cavity very thick. Neck is absolutely solid, rivalling finest Sweet Potatoes for baking; or sliced and fried like eggplant, when young; or as a pie sort, it has no equal.

King of Mammoths (Jumbo). (90 days). Largest of all the Pumpkins, often reaching 24 inches in diameter, weighing 100 or more pounds. Make nutritious stock feed, yet the quality is excellent for pies. When ripe, the skin is a rich orange color, flesh thick, sweet and yellow.

Large Yellow Field. (90 days). For field culture, usually with Corn.

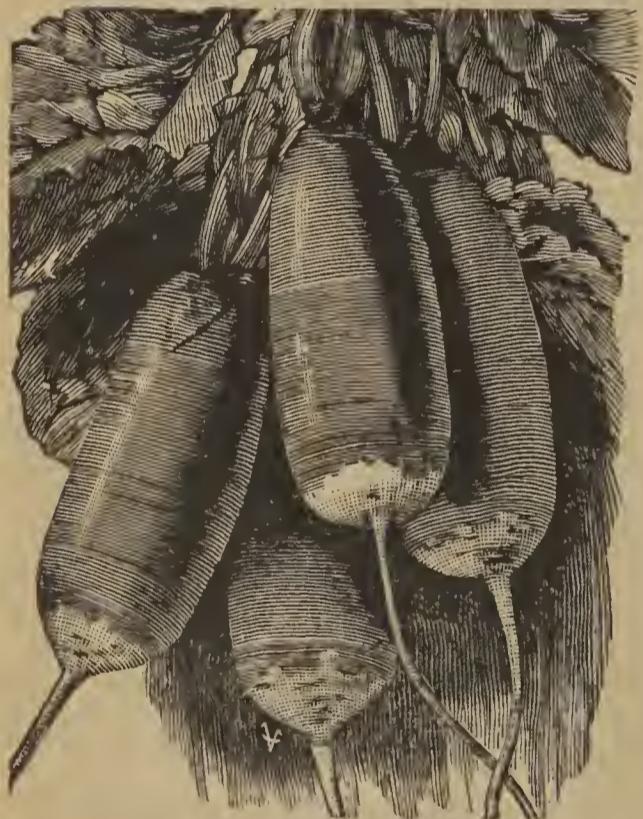
Sugar. (65 days). A prolific variety of small size, skin a deep orange-yellow. It is fine grained, sweet, of a handy 2-pie size, ideal for ready marketing.



Sugar or Pie Pumpkin



The White "Icicle" Radish



French Breakfast Radish



Round White Tip Scarlet

RADISHES

CULTURE. One ounce will drill 100 feet. In drills 10 to 12 inches apart, 10 pounds will seed an acre. The best soil is a warm sandy loam, worked fine and heavily manured. For first crop, sow as early as the ground can be worked; repeating every two weeks for succession throughout the season. Quick, uninterrupted growth is essential for best quality; if they come tough, blame the weather, not the seed.

PRICE All varieties, by mail, postpaid:
Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; lb. 65c.

Brightest Long Scarlet or Cardinal. (25 days). Earliest of the long red varieties, roots 4 to $4\frac{1}{2}$ inches long; vivid scarlet, white tip. Excellent alike for forcing, home and market.

Crimson Giant. (35 days). Suitable for forcing or early planting out-of-doors. Larger than the other round red Radishes.

Early Round Scarlet. (25 days). Small, round, red, turnip-shaped, with a small top; of very quick growth, crisp and tender.

Early Long Scarlet. (28 days). Grows 6 to 7 inches long, half out of the ground; is brittle and crisp; color bright scarlet, small top.

Improved Early Scarlet Globe. (20 days). Best for forcing and market gardening. Large roundish oval; brilliant red; flesh white, solid, juicy, crisp, and mild. This is that first extremely welcome red radish the hucksters bring to your door.

French Breakfast. (25 days). A splendid half-long variety of medium size, crisp and tender, scarlet with white tip. Best texture when small.

Hailstone The quickest maturing White Radish on record. It is ready for the table in 15 to 25 days. The roots are perfectly round, an inch in diameter, with snowy white skin and flesh. The flesh is crisp and solid.

Icicle. (25 days). (Long White). Attains best quality at about 4 inches, although crisp and sprightly longer than any other Radish. Delightful juicy flavor and transparent whiteness. Combines attractively on the dish with Scarlet Globe.

Round White Tip Scarlet. (21 days). A showy early round variety of medium size and excellent flavor; scarlet in the tip. Fine quality.

Winter Radishes

Besides their fall excellence, these kinds may be dug late and perfectly preserved for all-winter use as desired, by storing in boxes of dry sand in the cool frost-proof cellar. A favorite usage is to pare, slice, and serve in a weak brine, or in vinegar—like Cucumbers. Sow the seed in July-August; no use earlier.

Long Black Spanish. (72).

Round Black Spanish. (72).

California Mammoth White. (65 days).

SALSIFY Vegetable Oyster

CULTURE. Sow early in spring, in drills 1 foot apart and 1 inch deep, thinning the young plants to 4 inches. The roots will be ready for use in October, when a supply should be taken up and stored in moist sand in a cool room, the balance left in the ground until spring. One ounce to 100 feet.

Mammoth Sandwich Island.

(95 days). White, tender, and of rich "oyster" flavor; boiled, fried or in soup.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 65c; lb. \$2.00.

SPINACH

CULTURE. Select rich, well drained, lime-treated soil; the first sowing early in spring and at intervals of 2 or 3 weeks, in drills 1 foot apart. Begin thinning out when leaves are an inch wide. Sow in August and September for early spring use, with winter protection.

PRICE: $\frac{1}{2}$ oz. 10c; oz. 15c; $\frac{1}{4}$ lb. 20c; lb. 40c.

Bloomsdale Long-Standing Savoy. (42 days). Compact, intensely dark green, heat resistant; stands prime for cutting 2 weeks longer than most.

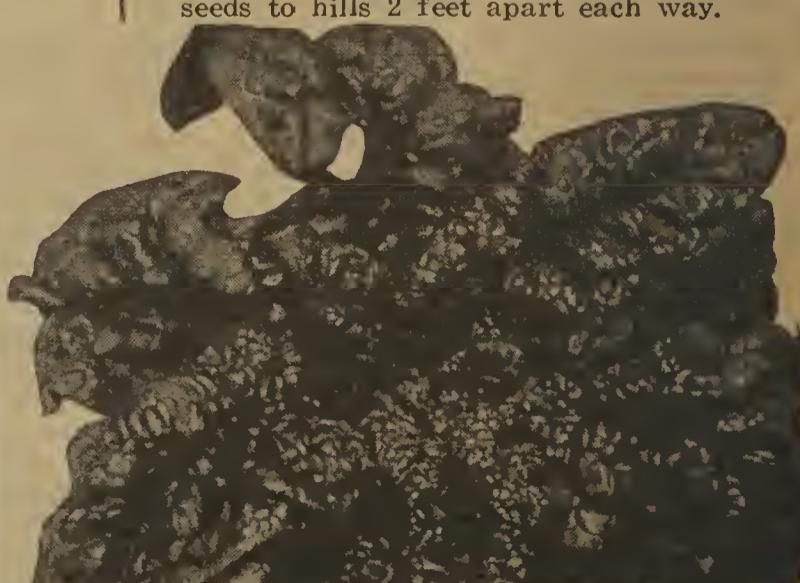
King of Denmark. (45 days). Leaves very thick, dark green, curled or blistered, in low, compact tufts; early, yet remaining long before running to seed. Vigorous, spreading.

Princess Juliana. (New). Has thick crimped leaves. Stands better than most varieties and retains its crispness quite long after cutting.

New Zealand. (55 days). Not a true Spinach, but very similar—a stalwart, hard-working country cousin. The leaves are comparatively smaller, but clustered in delicious, tender tufts which may be plucked day after day all summer long. Unlike the others, the plants thrive during hot weather, spread widely, are happy in any garden soil, frequently renewing itself early next spring. Sow about 4 seeds to hills 2 feet apart each way.



New Zealand Spinach



King of Denmark Spinach



Early Scarlet Globe



Hubbard Squash Type



SUMMER SQUASH:
Mammoth Bush
Giant Crookneck

SQUASH

PRICE: Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 30c; 1lb. 85c.

Summer Varieties 1 oz. to 25 hills. Hills 4 feet apart.
Sow in warm April.

Giant Summer Crookneck. (65 days). Bright yellow.

Giant Summer Straightneck. (65 days). The same delicious quality; its straight neck permitting easier packing.

Mammoth Yellow Bush. (55 days). An early yellow bush scallop, quite prolific; average size 14 by 4 inches.

Mammoth White Bush. (50 days). Fruits round, white, deeply scalloped, lobes being in pairs; tender and delicious.

Winter Varieties 1 oz. to 10 hills. Hills 8-10 feet apart. Sow seed in late June.

Delicious. (75 days). Medium size, dark green, with very thick flesh which cooks dry, of superior winter flavor.

Table Queen (Acorn). (80 days). 7 by 5 inches. Smooth, dark green with a red blotch at the pointed end; choice quality. Cut in two, bake and serve in the half-shell.

Hubbard. (110 days). Skin deep olive-green, flesh orange-yellow. Sweet, keeps through winter; boils or bakes dry.

Blue Hubbard. Resembling the warted Hubbard, but excels it in flavor and dryness. Very large; blue gray.

Golden Hubbard. (110 days). Deep orange, tipped green at each end; flesh golden yellow, of excellent flavor.

Warted Hubbard. The heavily warted, dark green surface ensures a harder shell, and consequent longer keeping.

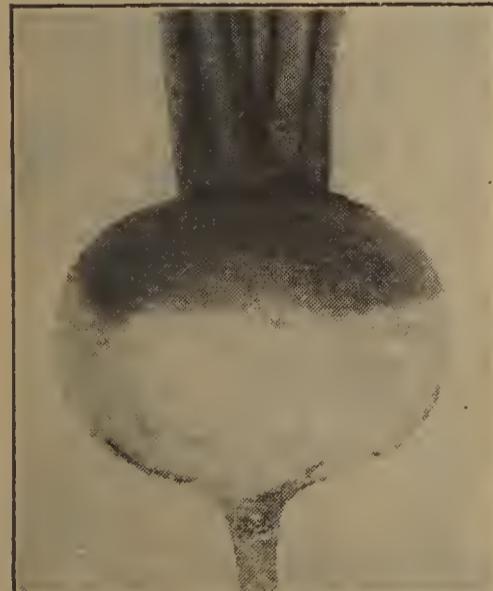
TOBACCO

Sow the seed thinly in well prepared soil, do not cover; merely press them in with a light roller or smooth board.

PRICE: Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c.

Connecticut Seed Leaf. A popular cigar variety, also largely used for pipe smoking by those who prefer a home cured, natural leaf. Makes a large, broad leaf and is extensively grown in northern states.

Improved White Burley. The wide-leaved Ky. favorite.



Purple Top White Globe Turnip

TURNIPS

CULTURE. Turnips do best in a highly enriched, sandy, gravelly or light loamy soil, in drills 12 to 15 inches apart, thin out early to 6 or 8 inches in rows. Commence sowing the earliest varieties in April, with 2-week intervals until June. Sowing for fall and main crop throughout August. One ounce sows 100 feet of drill; 2 lbs. per acre in drills, 12 to 15 inches apart; 1 lb. 2 feet apart; 3 lbs. broadcast.

PRICE: All Turnips, by mail, postpaid, pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 25c; 1lb. 65c.

Purple Top White Globe. (70 days). The most popular Turnip grown either for table or stock; an excellent keeper.

Early Purple Top, Strap Leaved. (55 days). Similar to Flat Dutch, but purple on top. Of excellent market quality.

Orange Jelly or Golden Ball. (70 days). A distinct, round yellow variety; one of the finest for family use. Flesh yellow, fine grained, sweet and tender; ideal for winter use.

Improved Purple Top Yellow Rutabaga. (95 days). Hardy and productive; flesh yellow, sweet and well flavored; shape slightly oblong terminating abruptly; color purple above and yellow under the ground; rich in flavor.

TOMATOES

One Ounce of Seed
for 3000 Plants

PRICE

ALL TOMATOES:

Except as Noted.

Pkt. 10c; $\frac{1}{2}$ oz. 25c;
oz. 35c; $\frac{1}{4}$ lb. \$1.00;
1lb. \$3.00.

CULTURE. Sow in hot-beds during March. When the plants have 4 leaves, transplant 4 to 5 inches apart, in shallow boxes, and give plenty of air.

PINK SKIN

Acme. (100 days). Of spreading growth; producing abundant medium sized fruits of irregular shape, in clusters of three to five. Flesh dark red, fine in texture, slightly acid.

Cleveland Market. A satisfactory midseason market type.

Early Detroit. (90 days). Nearly round; very large size.

Glovel (90 days). A splendid new pink Tomato produced jointly by U. S. Dept. of Agriculture and Florida Agricultural Experiment Station. This hybrid repeats the distinctive attributes of the French "Marvel";—vigorous vine, abundant and continuous fruit-setting habit, long-bearing period, and resistance to fusarium wilt and nail-head rust. It also happily absorbs from "Globe",—a popular marketing pink skin ("pale scarlet-red"); and large, thick-walled, firm, globular fruits notably free from cracks; of sweet flavor, mildly sub-acid.

Pkt. 15c; $\frac{1}{2}$ oz. 35c; oz. 60c; $\frac{1}{4}$ lb. \$2.25.

Marhio (95 days). A choice new kind adopted in three continents. Round fruits dark rosy pink from skin to center, very attractive on the markets. Flesh solid and tasty; plant healthy, vigorous, immensely productive.

Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.

New Colossal. (110 days). One of the largest, heaviest and best Tomatoes, averaging 2 to 3 pounds. Close celled, firm flesh with few seeds. Flavor sweet, cool and sprightly.

Oxheart (120 days). Like a big ox-heart; of best quality, smooth, pink skin, few seeds. Its supreme qualification is the broken cell structure, and the 1 to 2 inches of solid flesh before a seed is reached. A heavy yielder.

Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 50c; $\frac{1}{4}$ lb. \$2.00.

Ponderosa. (110 days). Known and planted by every gardener; immense fruits; very solid, with few seeds.

Truckers' Favorite (100 days). Flattened, smooth-skinned fruits $3\frac{1}{2}$ by 4 inches thick, attractive for the market. The flesh is meaty, very solid, of excellent quality; good for all uses.



The Popular Truckers' Favorite



The Top-Notch New Market Variety—"Rutgers Red"

Red Skin Tomatoes

Bonny Best. (88 days). Large, smooth scarlet fruit; thick, with a small core; slices well. Slightly flattened, in clusters of five or six.

Break o' Day (90 days). Blight resistant; fruit round and smooth as an apple, deep orange-red. Within, the color is deep red, and flesh is very solid, with thick walls.

Earliana. (85 days). Large size, uniform shape, solid fruit, attractive color and productiveness.

John Baer. (85 days). Good uniform size, semi-globular, free from core, scarlet-red. Very prolific, ripens evenly; never bursts.

Marglobe (95 days). The best general purpose kind, a grand shipper, definitely resistant to wilt and rust. Smooth, globular, meaty, almost coreless; deep scarlet; ripens uniformly; no cracking or cracks.

Norton's Wilt-Resistant (85 days). A valuable variety similar in character to the popular old "Stone." Introduced by the U. S. Dept. of Agriculture as a genuine wilt-resistant type. Plants medium height, heavy and profitably productive. Fruits large, flattened, deep cardinal-red; solid, of excellent quality; fine for shipping and canning.

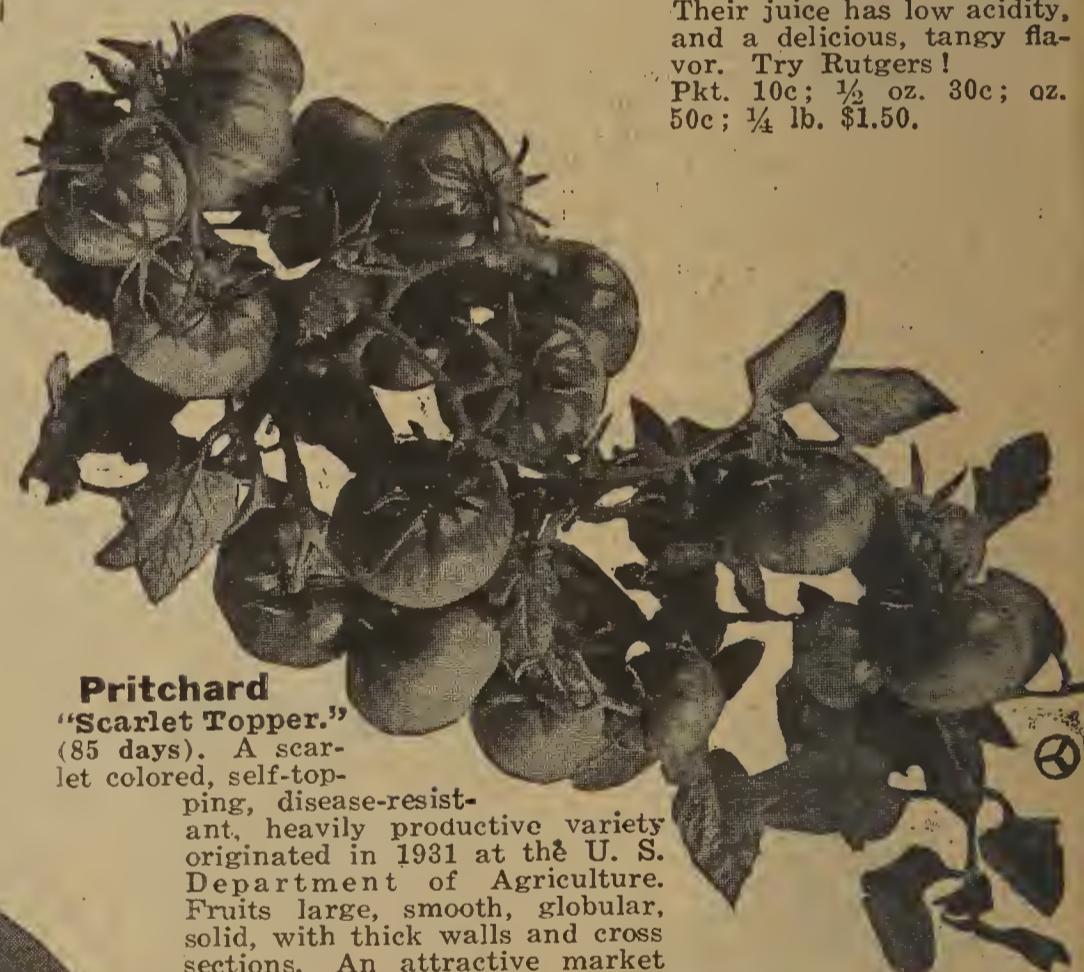
PENN STATE (85 days). A choice new early variety of quality; very distinctive as to growth and production. Vines are profuse and compact, and should be set 2 feet apart in 3-foot rows. The dark red fruit is of good size, nearly round, free from blemishes, with few seeds.



Rutgers Red (95 days). A remarkable New Jersey introduction, leaping into popularity. A great cropper, yielding 10 to 15 tons to the acre. Fruits outstanding for large size and solid structure. Inclined to roundness, their size and weight flatten the best ones. Brilliant dark red color unscarred by sunscald (because of efficient leaf protection). All these qualities make for quick market sales; they are very attractive sliced for the table, or packed in cans.

Their juice has low acidity, and a delicious, tangy flavor. Try Rutgers!

Pkt. 10c; $\frac{1}{2}$ oz. 30c; oz. 50c; $\frac{1}{4}$ lb. \$1.50.



Pritchard

"Scarlet Topper."

(85 days). A scarlet colored, self-topping, disease-resistant, heavily productive variety originated in 1931 at the U. S. Department of Agriculture. Fruits large, smooth, globular, solid, with thick walls and cross sections. An attractive market type and splendid long-distance shipper.

Scarlet Dawn

(85 days). All-America Gold Medal for 1935. A vigorous and prolific new wilt- and rust-resistant variety. Fruit is globe-shaped, smooth, deep red.

Wayahead

(85 days). Handsome, smooth, solid, red fruits like Earliana. A heavy cropper, with a vigor which keeps up the size even on the latest set fruits.

Large Yellow Kinds

Golden Queen. (90 days). Yellow; very sweet, splendid for cans or slicing.

Yellow Ponderosa. (110 days). Identical but golden yellow.





LAWN GRASS SEED AND BEST MIXTURES

COMMERCIAL LAWN GRASS MIXTURES are many; and their composition varies materially to meet the price minimums of prospective purchasers. These are too often overloaded with fast growing, quick-effect but short-lived varieties, which at the season's end leave your lawn spotty, weedy and unsatisfactory. We have never tried to compete with the "cheap" offers, either in mixture or in the varying grades of seed units. We pay for fancy selection, highest test and maximum purity. Our mixtures are well balanced, so that there is a generous proportion of one base or permanent grass, with a fixed formula for proportions of certain other types which influence the perfect expression of a lawn throughout the entire season.



S. & H. LAWN GRASS MIXTURES

"Velvet Sod" A mixture of fine dwarf, close growing grasses, that will produce a neat, velvety lawn and permanent sod in a short time. Weight about 25 lbs. to the bushel. 1 pound will seed about 300 square feet; 80 to 100 pounds are required for an acre.

"Shady Lawn" A mixture of fine grasses which grow under the shade of trees or buildings where there is little sun.

PRICES—Of Both Above Mixtures

By Mail, postage paid.

½ lb.	.....	\$0.30	3 lbs.	.....	\$1.25
1 lb.	.....	.50	5 lbs.	.....	2.00
2 lbs.	.....	.90	10 lbs.	.....	3.75

By Express or Freight, not prepaid.

15 lbs. @ 32c 20 lbs. @ 31c
25 lbs. and over at 30c.

How to Make a Lawn

The successful keeping as well as making of a beautiful lawn lies most largely in the thorough preparation before a seed is sown. If there is grading to be done, the top soil to the depth of 6 to 8 inches should first be removed, to finish with after the grade is complete.

This should be thoroughly harrowed and raked to reduce to as fine a condition as possible, as well as to level it, as nothing detracts so much from the appearance of a lawn as an uneven surface. Sow the seed as early in the spring as convenient, the earlier the better if the soil is in good condition, scattering it in both directions at right angles to each other, which will give a more even distribution. After the seed has been sown it should be raked lightly, then thoroughly rolled.

No one kind of grass will make a lawn that will keep green all through the season, but a mixture of several is essential. Our Velvet Sod Mixture is such a scientifically arranged combination, giving quick, sure and satisfying results unsurpassed by any general lawn mixture on the market.

Re-Cleaned Grass Seeds

Our grass and clover seeds will more than pass any State requirements as to purity, and will please the most critical buyers. We do not guarantee prices on Grass Seeds.

Ask for quotations on large quantities.

Creeping Bent (*Agrostis capillaris*). Golf has popularized this thickly rooting, densely cropping grass for putting greens. Makes a velvet smooth, low, thrifty lawn surface, sown 60 lbs. to the acre. One pound will sow 250 square feet.

By mail, postpaid: Lb. \$1.30; 5 lbs. \$6.00; 10 lbs. \$11.00.

By express or freight: 10 lbs. or more at \$1.00 per lb.

Kentucky Blue Grass Fancy Clean. Also known as June Grass, a valuable variety conceded the best basis for lawns, hardy in coldest weather, when once established, coming up freely every spring.

By mail, postpaid: Lb. 50c; 5 lbs. \$2.00; 10 lbs. \$3.75.

By express or freight: 15 lbs. or more at 31c per lb.

Red Top Fancy. Recleaned seed, 32 lbs. per bushel. Grows well in almost any soil and is valuable either for lawns, meadows or pasture, especially so for moist land. About 15 lbs. to the acre. Lb. 50c; 5 lbs. \$2.00; 10 lbs. \$3.50, postpaid.

Imported Italian Perennial Rye Grass. A nutritious, quick-growing grass for lawns, meadows and pastures. It does well on sloping banks, as its roots are fibrous and mat-like. Lb. 30c; 5 lbs. \$1.25; 10 lbs. \$2.25, postpaid.

Domestic Perennial Rye Grass. Rapid growing, but not quite so strong or heavy as the imported type.

Lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.90, by mail postpaid.

By express or freight, not prepaid: 25 lbs. or more @ 13c.

Hard Fescue. For golf links, tennis courts, etc.; will resist droughts. (75 lbs. per acre). Lb. 50c; 5 lbs. \$2.00, postpaid.

Chewing's Fescue. (Fresh New Zealand Grown). A perennial with fine blade and spreading root system; drought resistant, valuable in sandy soils; good in shade. Much used on golf courses. Lb. 70c; 5 lbs. \$3.00; 10 lbs. \$5.00, postpaid.

Meadow Fescue or "English Blue Grass." A thrifty type for pasture and hay, growing 2 to 3 feet high, not in tufts, with very deep sustaining roots. (24 lbs. per acre).

Lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.00, postpaid.

Orchard Grass. Valuable for pastures, orchards or shady places. It grows rapidly and does not suffer from close feeding. If sown alone, use 40 lbs. to the acre. Lb. 40c; 5 lbs. \$1.75, postpaid. 10 lbs. or more, by express or freight, at 26c.

Poa Trivialis (Rough Stalked Meadow Grass). A fibrous rooted perennial of quick growth and productiveness, continuous green from early spring until late fall, if sheltered from strong heat and sun. Used predominantly with Red Top and Kentucky Blue Grass, it successfully grasses such situations as beneath low-topped trees, under projecting windows and eaves, and in shaded side yards usually the despair of lawn keepers.

Lb. 60c; 5 lbs. \$2.75; 10 lbs. \$5.00, postpaid.

By express or freight, not prepaid: 15 lbs. @ 40c.

Timothy (*Phleum pratense*). Of well-known usage and value. 40 lbs. per acre. Quantity lots quoted.

Lb. 30c; 5 lbs. \$1.00; 10 lbs. \$1.80, postpaid.

By express or freight, not prepaid: 25 lbs. @ 12c.



Alfalfa—The Farmer's Friend

FARM SEEDS

Prices subject to market changes.

Canada Field Peas Field Peas make a very valuable crop. They can be fed in mixture to all kinds of live stock and are very valuable as nitrogen fixers, leaving the soil from which a crop of Peas has been harvested richer in nitrogen than it was before. Sow alone at the rate of 3 bushels per acre or with oats, for fodder, at the rate of 2 bushels of Peas and 1 bushel of Oats per acre. 5 lbs. 85c; 10 lbs. \$1.70, postpaid. By express or freight, 10 lbs. @ 12c; 60 lbs. @ 11c; 100 lbs. @ 10c.

Tennessee Millet No other plant that has yet been introduced for grass or forage has been able to produce anything approaching the enormous yield of Millet when grown under favorable circumstances. The seed we offer is genuine Tennessee grown, of vastly superior quality to the cheap Western grown. Sow 1 bushel to the acre. Lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.80, postpaid. By express or freight, not prepaid: 50 lbs. or more at 10c.

Hairy Vetch (*Vicia villosa*). This legume is rapidly springing into favor in the North as a fall soiling crop. Grows luxuriantly and is one of the greatest nitrogen gatherers. Requires no special soil preparation, neither is it particular as to soil, and is therefore very valuable for bringing up poor land. Makes a valuable and nutritious hay. If used for this purpose it should be cut in the spring when seed pods, which resemble small Peas, are just forming. Its feed value is equal pound for pound with prime wheat bran. In the latitude of northern Ohio, Vetch should be sown by September 15th, to get well started that fall. Farther south it may be sown later. 30 to 40 pounds to acre. Lb. 40c; 5 lbs. \$1.50; 10 lbs. \$2.75, postpaid. By express or freight, not prepaid: 25 lbs. or more @ 18c.

Peanuts (Valencia). A very desirable and productive Spanish bush type. Mild, sweet flavored, bearing 3 or 4 peas in each hull. Lb. 30c; 5 lbs. \$1.00, postpaid.

Rape (Dwarf Essex). Extensively grown for forage, especially for sheep; makes excellent green feed for poultry. They can be turned into it within 6 or 8 weeks after sowing. Cattle and sheep are apt to bloat if the leaves are wet or they are turned in hungry and allowed to fill themselves. Sow in June or July, in rows 2½ feet apart at the rate of 5 pounds of seed per acre, or may be sown broadcast at the rate of 8 pounds per acre; it may be sown in April with oats for an early crop after the oats are cut. Lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.80, postpaid. By express or freight, not prepaid: 25 lbs. or more at 18c.

Sunflower (Mammoth Russian). Of considerable value as a poultry food. Many people insist it clears the air of malaria germs. In small gardens the heavy, erect growing stalks may be utilized for supporting Kentucky Wonder or other Pole Beans. Lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.90, postpaid. By express or freight, 10 lbs. or more @ 14c.

Sudan Grass This forage crop is of immense value to the South or any section not sufficiently supplied with rainfall. It is a great drought resister and makes an excellent quality of hay. Grows from 5 to 9 feet tall and stools freely when given plenty of room after cutting. Do not sow until the ground has become thoroughly warm. 16 to 24 pounds to the acre broadcast, or 4 to 6 pounds in drills, 18 to 24 inches apart. Lb. 25c; 5 lbs. \$1.00; 10 lbs. \$1.80, postpaid. By express or freight, not prepaid: 25 lbs. or more @ 12c.

S. & H. SELECTED CLOVER SEED

Alfalfa (Lucerne). Northwestern grown. Alfalfa is a valuable hay crop, producing from two to six cuttings annually, according to season and soil conditions. Once well established, an Alfalfa field is good for many years. Drought resistant. Sow early in spring or fall at rate of 20 lbs. per acre. Lb. 50c; 5 lbs. \$2.00; 10 lbs. \$3.75, postpaid.

Alsike (Swedish). An excellent variety, of luxuriant growth and very sweet; valuable for pasture or ensilage, especially on moist land; makes good bee forage. Sow 5 to 6 pounds per acre. Lb. 40c; 5 lbs. \$1.75; 10 lbs. \$3.25, postpaid. By express or freight, 25 lbs. or more @ 29c.

Scarlet or Crimson Clover Brilliant scarlet flowered annual; very productive, greedily eaten by cattle, and is good for bee food. Sow 15 pounds per acre. Lb. 40c; 5 lbs. \$1.50; 10 lbs. \$2.75, postpaid.

By express or freight, not prepaid: 25 lbs. or more @ 22c.

Sweet Clover (White Blossom). (*Melilotus alba*). The most beneficial crop for building up worn-out land. Makes fine pasture for bees and quality hay when seeded alone. 20 to 30 pounds are required per acre. Lb. 30c; 5 lbs. \$1.50; 10 lbs. \$2.25, postpaid.

By express or freight, not prepaid: 25 lbs. or more @ 18c.

Medium Red Clover A dependable all-around variety for farmers and stockmen. The first crop is usually cut when in blossom, for hay; the last crop may be harvested for seed, cut for hay, or plowed under to add fertility to the soil. 8 to 12 pounds to the acre. Lb. 45c; 5 lbs. \$2.25; 10 lbs. \$4.00, postpaid.

By express or freight, not prepaid: 25 lbs. or more @ 35c.

White Dutch Clover Excellent for lawns in mixtures with grasses. A good pasture Clover. Sow at the rate of 6 to 8 pounds per acre. Lb. 45c; 5 lbs. \$2.25; 10 lbs. \$4.00, postpaid.

By express or freight, not prepaid: 25 lbs. or more @ 35c.

INOCULATE!



NITRAGIN is a granular, MOIST soil-like culture packed in tins. Directions for use on every can.

Guaranteed for 1 year; every package stamped with expiration date, also Germ count when packed. Culture "A"—Alfalfa, all Sweet Clovers, including Highbam and Bur Clover.

Culture "B"—Clovers—Red, Mammoth Red, Alsike, Crimson, and White.

Culture "C"—Field and Garden Peas, Vetches (all kinds) Broad Bean, Sweet Peas, Perennial Peas.

Culture "D"—Field and Garden Beans (including Navy, Kidney, and Scarlet Runner Beans).

Culture "E"—Cow Peas, Lima Beans, Velvet Beans, Japan Clover, and Peanuts.

Culture "S"—Soy Beans (all types).

PRICES on above Cultures, POSTPAID

Culture A, also Culture B:

½ bu. size—inoculates 30 lbs. of seed \$0.35

1 bu. size—inoculates 60 lbs. of seed55

Culture C, also Culture D:

½ bu. size—inoculates 30 lbs. of seed30

1 bu. size—inoculates 60 lbs. of seed45

Culture E, also Culture S:

1 bu. size—inoculates 60 lbs. of seed35

2 bu. size—inoculates 120 lbs. of seed55

5 bu. size—inoculates 300 lbs. of seed 1.20

Garden Size Nitragin

For Peas, Beans, Lupines, and Sweet Peas. Inoculates any amount up to 4 pounds of seed.

Remember...

Legumes NOT inoculated are "SOIL ROBBERS"
Legumes WELL inoculated are "SOIL BUILDERS"

10¢



For Gardening Success

Feed your lawns, flowers, trees shrubs, and vegetables regularly with Vigoro. We recommend it.

Freight, Collect	Mail, Postpaid
100 lbs. ... \$4.00	10 lbs. ... \$1.10
50 lbs. ... 2.50	5 lbs. ... .65
25 lbs. ... 1.50	1 lb. ... .20
500 lbs. or more, freight prepaid	

VIGORO
Complete plant food

Sheep Manure

An Efficient Fertilizer "WIZARD BRAND"

Pulverized Sheep Manure is an efficient fertilizer to use on lawns, in the garden, the perennial border, shrubbery beds, small fruit garden, flower beds, etc. It is safe and dependable. A natural plant food and not a chemical stimulant. Every amateur gardener can get results with Wizard.

Price: By express or freight only, not prepaid, 5 lbs. 40c; 10 lbs. 60c; 25 lbs. \$1.00; 50 lbs. \$1.50; 100 lbs. \$2.75. Cannot be sent by mail.

TO CREATE ACID SOIL

Aluminum Sulphate In quick preparation of an acid soil for Rhododendrons and other Broad-Leaf Evergreen Shrubs, the most efficient and readily available chemical agent is commercial alum or "Aluminum Sulphate." The amount required to overcome the existent alkaline or limy soil condition, varies; but is roughly $\frac{1}{2}$ to 1 pound per square yard, scattered over the surface. Repeat every six months. If the only available water for sprinkling is too hard and alkaline, barrel it and treat with this chemical.

By mail, postpaid, 5 lbs. 50c; 10 lbs. 90c. By express, not prepaid, 5 lbs. 40c; 10 lbs. 70c; 25 lbs. \$1.50.

Carter Lever-Spray Hose Nozzle

Hand pressure regulates the flow. Fits the hand. Gentle pressure of thumb on lever gages the desired stream.

By releasing the pressure, water is shut off automatically. No leakage to wet the hands or clothing. If the phone or doorbell rings, just let go, drop the hose and run. For steady sprinkling, find the proper stream, turn a set-nut and hold or leave it without further attention. This new Nozzle is constructed of nickel-plated, non-rustable material, with bronze spring, knurl nut and other parts of brass, dependable for years of trouble-free service.

Postpaid Price, **\$1.00**



Make Your Gardening More Easy With Up-to-Date

GARDEX

Popular and Efficient

TOOLS

SMALL HAND TOOLS

3-Prong MIDGET CULTIVATOR



Excellent tool for loosening and aerating soil in small flower beds, florists' frames, hotbeds, etc. Sturdy, light and well balanced. Sharp pointed prongs easily penetrate soil. $2\frac{3}{4}$ inches wide. 16 inches long.
No. 713—Postpaid **.50c**

3-Prong MIDGET CULTI-HOE



A handy combination tool for small garden cultivation. Has three prongs, square blade half polished with 12-inch polished handle.

No. 732—Postpaid **.60c**



GARDEX TURF EDGER

You have been a long time wanting this tool!

Now you can edge your lawns, flower beds or borders as fast as walking and do a neater job. This New Edger cuts turf vertically and horizontally in one operation working forward or backward. By tilting to 45-degree angle, it cuts clean V-shape groove between sidewalk and lawn. Wing blade also used to lift sod as it cuts. Made of Special High Carbon Steel—polished blade and sharpened on all sides except top.

No. 400—4½-ft. Handle. Price, Postpaid **\$1.45**

Note how it digs in—lifts soil—gets weeds.

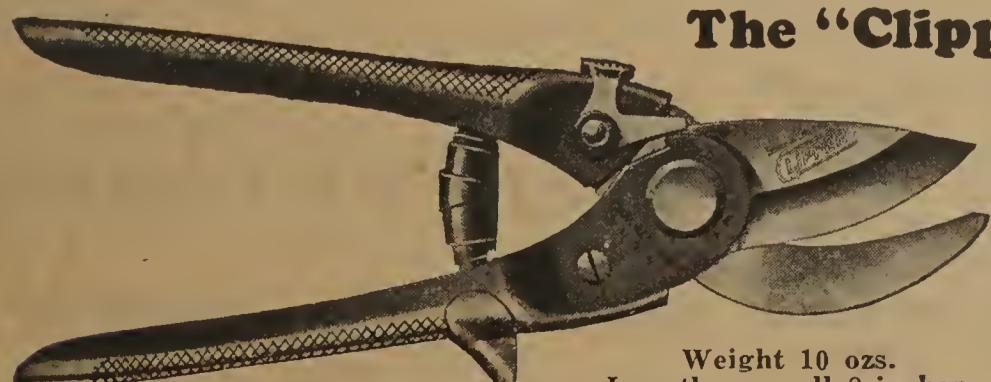
GARDEX PULL HOE

With an easy pull, the sharp V-shaped Blade bites into the ground.

It weeds and cultivates in one operation, leaving soil finely mulched just where you want it, without exposing moist soil to sun. No weeds can escape and it gets most of them out by the roots. Made of Special High Carbon Steel for lasting service. Polished Blade.

No. 1004—4 inches wide, 4½-ft. Handle. Postpaid Price **\$1.15**

No. 1005½—5½ inches wide, 5-ft. Handle. Postpaid Price **\$1.40**



Weight 10 ozs.
Length over all 8 inches.

The "Clipper" Pruning Shears

Every family with garden, roses or shrubs, actually needs a pair of good pruning shears.

We believe in and recommend this "Clipper" as the best shear for general use.

We use them ourselves, dozens of them, in our nursery work—snip, snip—probably every work day of the year. The "Clipper" is made from steel throughout; light, easily handled, but capable of pruning any branch the old, heavy, clumsy types could cut. Steel blue, with high tempered, polished cutlery blades.

Simple, Easy, Efficient and Very Cheap — Postpaid for **\$1.00**



"Ant Bait" is very effective, a 1% Thallium Sulphate Jelly. Put up in handy tubes, application is extremely simple. Place feedings where ants are running, indoors or out. A dose of "Ant Bait" wipes out small new nests overnight. It may take two or three days and another dose for large nests. Although designed specifically for ants, it is remarkably effective against roaches, silverfish, rats and mice. One of the newest and most effective agents for vermin control known. We now offer convenient loaded safety traps.

1 oz. tube, 35c. 3-oz. tube, 85c. Safety Trap, 10c each; 3 for 25c.

These are postpaid prices.

"It IS True... what they say about..."



"DOGZOFF"

Save Your Evergreens!

If you are bothered with dogs, cats or rabbits, "Dogzoff" is the spray you need. It is a most efficient animal repellent and one spraying will last from three to four weeks. Not poisonous to plants and will not injure animals. Not offensive to humans. Its use is guaranteed to keep these animals from any place where they are not wanted. Applied with any small insect sprayer and one application usually does the work.

3-Ounce Supply
Postpaid for

60c

MOSQUITOZOFF

Don't Let Mosquitoes Spoil Your Summer!

Buzz—buzz—whack—slap!!! You know how it goes. Here is a new concoction in dainty flat flasks for purse, car pocket or dresser, designed to ensure you outdoor summer peace. A slight dab rubbed in on hands, ear lobes, ankles, or other exposed skin is good for hours of protection. Mosquitoes just don't like the smell of it, and sulk away. On the other hand, it smells good to most people—a quite refreshing perfume.

1 oz., 35c; 2 ozs., 50c, postpaid.



PROTECT your HANDS

The unusual quality of extreme softness and pliability in this all-leather glove, adds comfort to protection, in doing the countless daily tasks which contact the hands with dirt, cold or roughness—without loss in dexterity. You cannot buy these qualities elsewhere, for Eezy Wear price.

Soft as Kid'

INSECTICIDES AND FUNGICIDES

Arsenate of Lead Powder

Arsenate is the poisoning agent, and Lead holds the poison upon the foliage and counteracts possible damage to the leaf itself. An efficient destroyer of all leaf-eating insects which attack fruit or shade trees, shrubs, flowers or vegetables.

By express only, 4-lb. cartons, 80c; 1-lb. cartons, 30c.

Bordo Powder

Powdered Bordeaux Mixture; non-poisonous, but of great effectiveness when applied against black spot, mildew, and all fungous diseases.

By express only, 1-lb. carton, 30c.

"Nico-Fume Liquid"

A highly concentrated liquid Nicotine solution for fighting sucking insects, such as thrip, aphid and spider. Use 1 to 2 teaspoonfuls to a gallon of water, in a fine spray and with as much force as possible. Being highly poisonous, it must be stored in a safe place away from children.

By express or freight only, 1-lb. can, \$2.25; 4-lb. can, \$5.75.

Nicotine Solution

("Black Leaf 40"). A most effective spray for combating all sucking insects or aphid in the open; the active ingredient being 40 per cent nicotine in a sulphate form. Use 1 ounce in 6 to 12 gallons of water, according to use.

By express or freight only, cannot be mailed: Oz. 35c; 5 ozs. \$1.00;

lb. \$2.25; 2 lbs. \$3.25; 5 lbs. \$5.85.

BOOKS

ON ALL GARDENING SUBJECTS.

A more complete list mailed on application
Prices are all Postpaid

Landscaping the Small Home

Edward W. Oliver

For the owner of the average city or suburban lot, ranging from 40x120 feet to 75x150 feet, teaching him how to plan and execute a planting economically and correctly. 160 pages. 90 illustrations. Many plans listed.

\$1.15

Gardening With Herbs

For Flavor and Fragrance

Helen Morgenthau Fox

An absorbing current topic, delightfully handled by a thoroughly posted, skillful writer. Herbs in the garden, over the stove, and in the icebox. 68 profitable kinds described and applied. Complete details concerning each item, how to get, how to care for, how to use. Ancient herbal lore modernized; recipes for 56 distinct dishes from herbs.
334 pages. Cloth.

\$2.65

The Flower Garden Primer

or "Gardening without Tears"

Julia Cummins

Found at last! The practical all-around book for the home gardener who lacks experience. Here are directions in words and pictures on planning and planting, maintenance, landscaping, tools and the workshop, and special instructions for flower and rock gardens. 319 pages, 46 illustrations, 6x8 $\frac{3}{4}$ inches.

\$3.15

How to Grow Roses

Pyle-McFarland-Stevens

The new book by three of America's foremost Rose authorities. Up-to-date in every particular, and dependable. 211 pages, 138 pictures (45 of them in colors).

\$2.15

New Edition of 1001 GARDEN QUESTIONS ANSWERED

Alfred C. Hottes

The most valuable one book for gardeners. Over 1000 questions such as you would ask about gardening problems every day. The answers are clear, simple and helpful—by an authority. 328 pages. Well illustrated. Cloth. The amateur's real friend.

\$2.65

The Book of Perennials

Alfred C. Hottes

For both amateur and professional. Growing, using, selecting and propagating perennials, with classified lists of material for all uses. Over 140 separate species. Described, pronounced, etc. Cloth.

\$2.15

The Book of Shrubs

Alfred C. Hottes

This book, with its 448 pages, begins with the usual chapters on soils, fertilizers, planting, pruning, propagation, plant diseases, etc.; and ends with some 285 pages devoted to describing the more important shrubs. The volume is accurate and comprehensive. 187 illustrations.

\$3.15

Use Gloves for
GARDEN
GARAGE
MOWING
FURNACE
DRIVING
ETC.

National Eezy Wear GARDEN Gloves

Men's

{ Large,
Medium
or Small
ONE PAIR

{ Women's

or two pairs
for \$1.40.

Postpaid:

75c

S. & H.
SUPERIOR STRAINS

FLOWERS are easily raised from seeds. The seeds we offer are the products of the best American and European growers; no better strains available.

Complete directions for sowing are printed on each packet.

CLASSIFICATION: Flowers are known as Annuals, Biennials and Perennials.

Annuals bloom and ripen seed the first year, then perish.

Biennials seldom bloom the first year, but attain perfection the second year.

Perennials * flower several years in succession, and are used for permanent plantings. Many bloom the first year from seed sown early.

WHEN TO SOW SEED:

Hardy Perennials and Biennials may be sown either fall or spring, and require no winter protection.

Hardy Annuals may be sown either in late fall or spring. But no spring sowing of any class should be done until frost is past and the ground mellow.

A tabulated list of Perennials and Hardy Biennials is on page 31.

AGERATUM

Little fluffy, bristly balls of color in sizeable clusters, liberally supplied from early summer until autumn. Being low and compact, they are mainly utilized for edgings or narrow borders.

Blue Perfection. Deep amethyst-blue flowers in large clusters. Very even in growth, about 12 inches high.

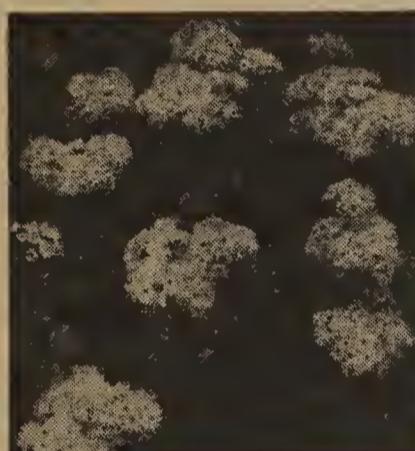
Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 30c.

Ball Blue. The best dwarf type; rounded mounds 6 inches high.

Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

PRICES are for delivery by mail, postpaid.

MARKS: *—hardy perennial; †—good cut flower.



Ageratum.

ALYSSUM

The hardy annuals are white, sweet-scented edging and basket plants. Sow thickly. For winter pot bloom, sow in August and transplant.

Little Gem. Makes a perfect "carpet of snow" not over 4 inches in height, commencing to bloom in spring when very small, and continuing without interruption until late fall. Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 30c; oz. 50c.

Sweet Alyssum. Not over 6 inches high on account of its trailing habit; fragrant.

Pkt. 10c; $\frac{1}{2}$ oz. 15c; oz. 25c; $\frac{1}{4}$ lb. 60c.

***Argenteum.** 15 inches. Midsummer perennial with silvery leaves and yellow clusters. Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 50c.



Sweet Alyssum.

ANCHUSA

Blue Bird (Summer Forget-me-not). 18 inches. A new, compact type; flowers indigo blue, produced freely all summer. Pkt. 10c; $\frac{1}{8}$ oz. 20c; oz. 75c.

***Dropmore.** Grows bushily to 4 or 5 feet with broad rough foliage. Breaks out all over with showy clusters of deep gentian blue, in spring an almost solid mass of color, with intermittent flashes throughout the summer. Pkt. 10c; $\frac{1}{8}$ oz. 20c; oz. 75c.

†*AQUILEGIA - Columbine

The general appearance of "Columbines" with their deep cut, round-lobed foliage and nodding flower stems, expressing so many lovely shades of color, is graceful, airy and distinctive, typical of springtime. They are used liberally in low borders to offset any appearance of formality; and provide an unfailing succession of cut flowers, well into summer. *Hardy.

Chrysanth. Heavily spurred yellow flowers ranging from clear canary to deep yellow.

Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

Mrs. Scott Elliott's Long Spurred Hybrids. A choice mixture of extra long-spurred varieties in blue, lavender, purple, mauve, pinks, yellows, white.

Mixed. Pkt. 15c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00.

Mixed Double Aquilegias. Bulky double flowers; best colors. Many people prefer the greater petalage of this type.

Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

Plants of Hardy Perennials are offered on pages 33-49.



Giant Snapdragons.

†ANTIRRHINUM [Snapdragon]

Rich and diverse colors, great freedom and protracted blooming season; valuable for color masses, as well as for cutting. They have dark glossy leaves and pea-shaped flowers with uniquely marked throats, set densely in long, upright racemes. They bloom in July from seed sown outdoors in early May; but for earlier bloom seed should be started indoors during March.

†ANTIRRHINUM MAXIMUM

New Race of Snapdragons. 3 feet. This large flowering group of Snapdragons far surpasses all other varieties we have yet offered. They are tall growing and the flowers are of magnificent size, closely placed on the spikes.

Finest Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

†TALL SNAPDRAGONS

Majus grandiflorum. About 2 feet. A splendid mixture of colors—white, various shades of pink, yellow to orange, and all red shades. All kinds together.

Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 30c.

†HALF-DWARF SNAPDRAGONS

Nanum Medium Mixed. Of stocky growth with magnificently colored, very large spikes of flowers. Far superior to tall varieties for bedding as they are more compact and have fully as large flowers. (All colors).

Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 30c.



Long Spurred Columbine (Page 19)

†ARCTOTIS AFRICAN DAISY

Grandis. 2 to 3 feet high. A useful and charming cut flower from June till after hard frosts; lasting a week or two in water, undeveloped buds opening up perfectly if kept in the sun. Daisylike, glistening white on the face, under surface pale lilac-blue.
Pkt. 10c; 1/4 oz. 20c; 1/2 oz. 35c.

Mixed Hybrids. 2 to 3 feet high. Lovely, daisy-like flowers in orange, bronzy red, rose, cream, yellow and salmon shades. Suitable for hot, sunny places.
Pkt. 15c; 1/8 oz. 50c; 1/4 oz. 90c.

ASTERS

For early flowers, sow the seed in house or greenhouse during March or April and transplant to the open ground in May. For late flowers, which are the finest, sow thinly in the open ground early in May, transplanting later.



Arctotis or "African Daisy"

SPECIAL Wilt-Resistant Aster Strains

Aster wilt-disease is devastating. Science has now gained control of it; to an extent whereby seed of certain Aster types and varieties has been developed with the power of resistance to this parasitic fungus.

Wilt-Resistant Mixed. A combination of types in many colors, granted the All-America 1933 Award of Merit. It is safe even on wilt-infected soil.
Pkt. 10c; 1/8 oz. 25c; 1/4 oz. 40c.

Aurora, Golden Sheaf. A magnificent flower for choice cutting; fully double with a crest-like center. The deepest yellow Aster, and the only yellow to be wilt-resistant.
Pkt. 10c; 1/8 oz. 30c; 1/4 oz. 50c.

New Super-Giant Aster

El Monte The very earliest Aster of giant size, deep, glowing crimson. The abundant, plume-like petals are daintily interlaced so that the flowers are fluffy bulky, borne on heavy non-lateral, basal-branched stems.
Pkt. 10c; 1/8 oz. 35c; 1/4 oz. 60c.

Los Angeles Fully double flowers 6 to 8 inches across; graceful and delicately interlaced. Long, stiff basal-branched stems, bearing the large flowers smartly upright. Shell-pink.
Pkt. 10c; 1/8 oz. 35c; 1/4 oz. 60c.

New Imbricated or Pompon Aster

Mixed. Small, round, pompon flowers produced very early, often twenty to a plant. Surrounding the compact center is a charming fringe of lacy guard petals.
Pkt. 10c; 1/8 oz. 35c; 1/4 oz. 50c.

Early First Bloom in July

Pkt. 10c; 1/8 oz. 20c; 1/4 oz. 35c.

Queen of the Market Earliest of all; flowers characteristically perfect in form, on long stems valuable for cutting. Very branching. Mixed.

"Lady Roosevelt" Perfect Comet type; color a magnificent rose-pink; long, strong stems and for cutting has no superior.

Extra Early Express (Comet) The largest early Asters grown. Well developed flowers range from 3 1/2 to 4 inches across, very free of yellow centers and borne upon good stems.

Giant California Sunshine
(See page 21)

Queen of the Market

California Giant
(Crete Type) (Page 21)

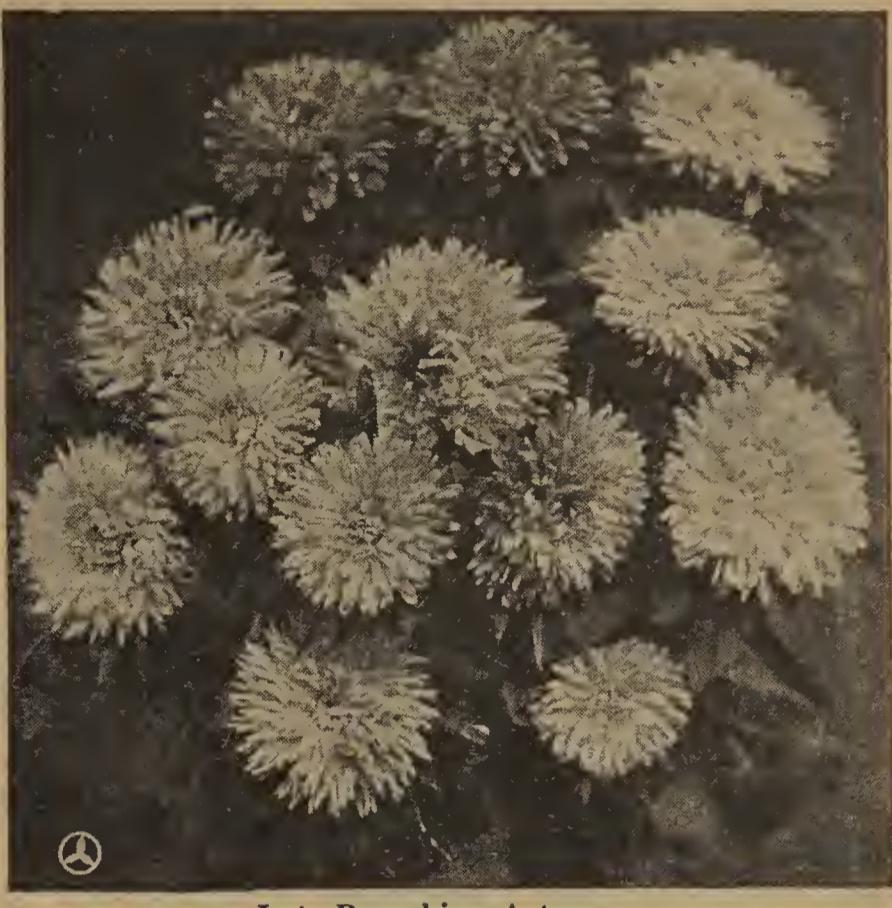
American Aster, "Golden Sheaf"



King Asters (Page 21)



Aster, "Heart of France"



Late Branching Asters.

MIDSEASON ASTERS. Commencing to bloom in August.

Giant California Sunshine A direct cross between the well known California Giants and the dwarf, much-branched Sunshine type, hence the name. Plants of this new race grow 3 feet high and bear blossoms on long, stiff stems, admirable for cutting. The individual blooms are enormous, 4 to 5 and 6 inches in diameter.
Mixed. Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

California Giants A new derived type with giant 5- to 6-inch flowers expressing the popular Crego or Ostrich Feather style, coupled with the more robust habit and greater length of stem characterizing the Beauty class. This welding of types benefits its value for cutting, enabling their extreme size and perfection to be used in vase and floral work where the ordinary stems would not give sufficient support.
Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 50c.

Crego This section produces the largest flowers of the Comet type; very full and fluffy, around 5 inches in diameter. When cut, this group outlasts all others of this type. Mixed. All colors.
Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

King Type This type is quite distinct, owing to the very double petalage, which is characteristically quilled, at times almost needle-like. They are strong and sturdy, averaging 18 inches in height; with an abundance of large, perfect flowers for three months. Finest Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

"Sensation" This is a new variety, genuinely red. In shadow, its color tone is deep garnet, or oxblood-red; but sunshine brings out the life and brilliancy of fire. Its flowers average about 3½ inches across, borne very freely throughout August and September on 12-inch stems. The plants are quite branched, about 18 inches high.
Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

LATE ASTERS. In prime from September on.

"Heart of France" This new late Aster opens red as the purest ruby, deepens with age and retains its remarkable beauty to the very end. The flowers are large and full, with never a trace of hollow center, larger than any other dark sort. The plants are of branching type and very robust habit, 24 inches high. The stems are long and strong and have very few laterals. The plants begin to bloom quite early, open fully with the midseason varieties, but reach their supreme glory in September.
Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

Late Branching A useful class for bedding, the strong, branching plants 2 to 2½ feet high. The flowers are very large and double (5 inches wide), with long, strong stems, making splendid cut flowers.
Late Branching Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

**WONDER
Aster Collection**

QUEEN OF THE MARKET

MIXED. Earliest of all Asters. 12 in. high; very branching; long stems; valuable for cutting. 1 pkt. 10c.

EXTRA EARLY EXPRESS

MIXED. Extra early, Comet type. Flowers 3½ to 4 in. across, stems of good length. 18 inches tall. 1 pkt. 10c.

KING TYPE MIXED. Very distinct form, quilled and needle-like petals. 18 inches. 1 pkt. 10c.

LATE BRANCHING MIXED. 2 to 2½ feet high. A valuable bedder. 1 pkt. 10c.

**1 PKT. EACH
Postpaid for 30c**



**†BACHELOR
BUTTON**

Pretty 2-ft. border plants, and reliable cut flowers. Hardy annual. In an established bed these are perpetual and enjoyable; in bloom for Memorial Day.

Double Blue.

Double Mixed.

Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c.



Balsam



Candytuft

BALSAM**Giant Double Camellia Flowered.**

Tender annuals, thriving in hot weather, if planted in good soil and well watered. Should be set about 18 inches apart. If wanted early, sow indoors and transplant. This has a tendency to dwarf the plants, making them more satisfactory. The large, double, gaudily colored flowers are set like Hollyhocks along the 2-foot stems, with slender leaves protruding. Colors include pink, white and scarlet.

Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c.**+CALENDULA**

Hardy annuals. 1 foot. A wonderful profusion of flowers ranging from ivory to orange. Valuable for bed and borders. Bloom until late fall.

Ball's Florists' Strain. A new but well proven strain specially adapted to forcing; the flowers unusually large and double, of uniformly rich, dark orange color; with extra long, firm cutting stems.

Pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 35c.

Ball's Gold. The large flowers are double golden yellow; the long stems making them ideal for cutting, either forced or in summer garden.

Pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 35c.

Orange Shaggy Awarded Gold Medal in 1934. Petals long, fringed; deep orange, lighter at center.

Pkt. 15c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c.

Orange King. Bright orange-red, with dark eye. Very double, often 3 inches across.

Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c.

Choicest Mixed. All colors. Pkt. 10c;

 $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c; oz. 50c.**+COREOPSIS**

OR CALLIOPSIS

Sow where they are to remain and thin to 1 foot apart.

Golden Wave. Bright golden flowers, 2 inches across, each distinctly marked with dark brown center. Hardy annual.

Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c.

Fine Mixed. (Red, orange, etc.). Hardy annual. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{2}$ oz. 35c.

***Lanceolata Grandiflora.** Beautiful hardy perennial; 15 to 18 inches; producing its golden yellow flowers in great profusion.

Pkt. 10c; $\frac{1}{4}$ oz. 15c; $\frac{1}{2}$ oz. 25c; $\frac{1}{4}$ oz. 40c.**SUMMER****FLOWER SEED
COLLECTION****"BOUQUET FLOWERS"**

Selected Kinds for Free Bloom and General Superiority.

ASTER, Giant Comet. Mixed**MIGNONETTE, Large Flwg.****15 10c Pkts.****BACHELOR BUTTON. Mixed****PINKS, Double Choice Mxd.****VALUE \$1.50****CARNATION. Mixed****PHLOX DRUMMONDI. Mxd.****CALLIOPSIS. Fine Mixed****SALPIGLOSSIS. Mixed.****DIDISCUS COERULEUS****SCABIOSA. Mixed.****LARKSPUR, Giant****SNAPDRAGON. Tall Mixed****Hyacinth Flowered. Mixed****BABY'S BREATH****MARIGOLD, Tall African. Mxd.****ZINNIA, Double Dahlia-Flwd.****\$1.00
POST-PAID**

Ball's Calendula



Canterbury Bells

+CAMPANULA

Well known biennials with bell-shaped flowers of varying size and type. Seed sown in the open in early April will develop sturdy little plants prepared to bloom in great profusion throughout the summer of next year. Transplant in October with protection.

Medium (Canterbury Bells). Long-stemmed and large flowered, of deep pitcher shape. Colors range from blue and rose to white, in mixture. Single Mixed or Double Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

Calycanthema (Cup and Saucer). A charming form provided with an extra large calyx which gives a distinct impression of a cup and saucer.

Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

Choice Annual Mixed. Blooms within six months from seed; flowers equal in size to foregoing.

Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 40c.

+CANDYTUFT (Iberis)

Fragrant. About 1 foot.

Annual Pink. Umbrella form flowers. Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c.

Giant Hyacinth-Flowered. White. Pkt. 10c; $\frac{1}{4}$ oz. 25c; oz. 60c.

Fine Mixed. Four or five color shades.

Pkt. 10c; $\frac{1}{4}$ oz., 15c; oz., 25c.

***Sempervirens.** Hardy evergreen; pure white flowers early in spring.

Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 50c.

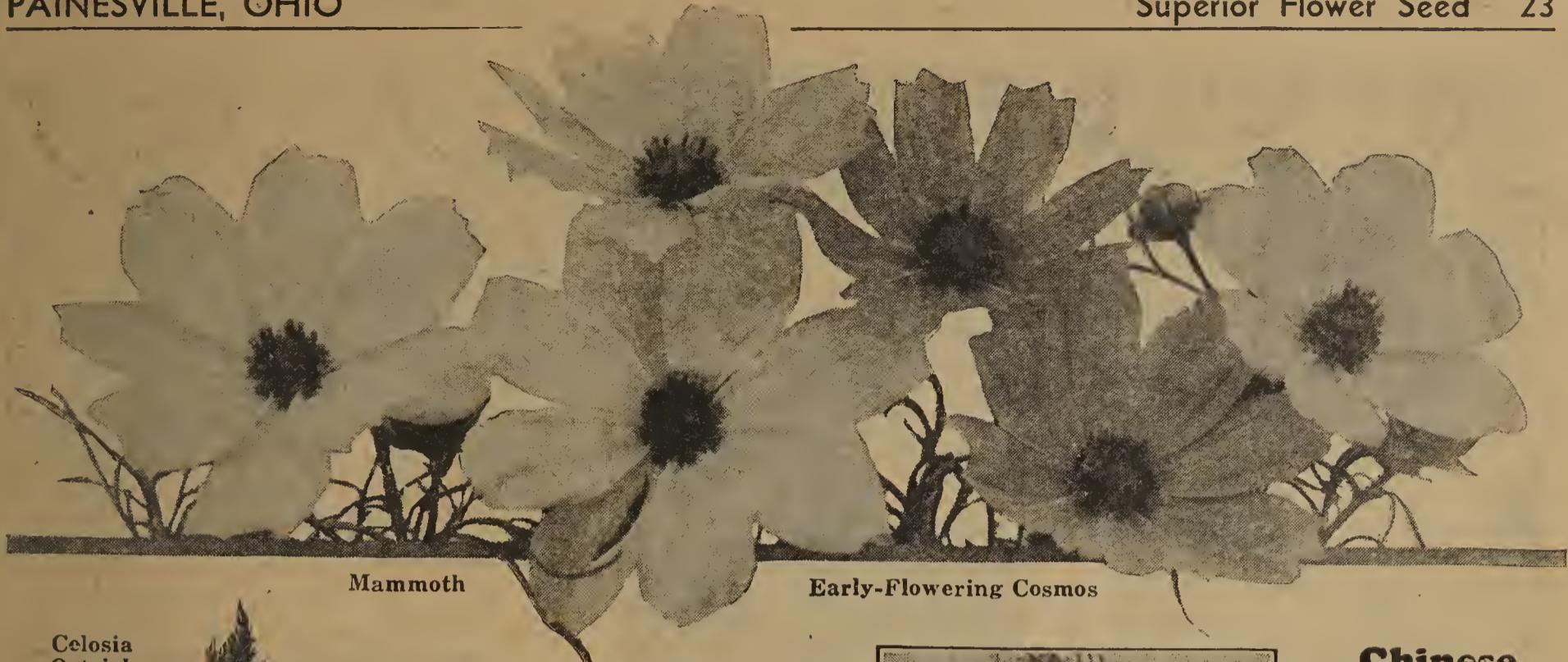
***Queen of Italy.** Rosy lilac flowers.

Pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 50c.**+CARNATION**

Half-hardy perennial. 1½ feet.

Marguerite. With ordinary care this double, fluted, highly scented type will be in full bloom in 4 months after sowing the seed, flowering in profusion until frost. Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

Celosia
Ostrich
Feather**CELOSIA - Cockscomb**

Plumosa (Ostrich Feather). 2 to 5 ft. Very showy with their large, dense, and continuing upright plumes. Very effective in garden sections; as fresh cut flowers, and dried, or potted. Tall Mixed.

Cristata (Crested). Grows 15 to 18 inches, producing large, ornamental, comblike heads, in texture like ruffled chenille. Cristata Tall mixed.

Cristata nana. 10 to 12 inches. The plant almost concealed by the large, velvety, ruffled crest on a short stem, which justifies the name "Cockscomb." Cristata Dwarf Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

CENTAUREA

Gymnocarpa. A useful foliage plant known as "Dusty Miller." Grows to 1½ feet; deeply indented, fernlike foliage so dusted with silver as to be almost white. Half hardy.

***Imperialis** (Giant Sweet Sultan). Bushes are covered with large, fluffy, ball-shaped, sweet-scented flowers. Will keep a week or over in water, if cut when just about to open. Hardy annual. 2 feet. All Colors Mixed.

***Montana**. 2 feet. Numerous large, deep blue flowers resembling the annual Bachelor Button.

All: Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

CERASTIUM ("Snow-in-Summer")

***Tomentosum**. A low edging or carpet plant with matted silvery foliage and early white flowers. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

CHEIRANTHUS (Siberian Wallflower)

Allioni. 12 inches. Ablaze all summer with close panicles of intensely bright orange flowers. Hardy biennial.

Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

COSMOS

Delightful fall blooming plants; much branched and bushy up to 5 or 6 feet.

Early Klondyke Orange Flare A Bodger introduction which swept the 1935 All-America judges off their feet. "Orange Flare" is large-flowered, long-stemmed, long-seasoned — a solid, vivid orange. 4 mo. from seed!

Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 45c.

Mammoth Early Flowering. Flowers fully equal in size to the Giant Fancy class, although blooming abundantly in August.

Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 50c.

Giant Fancy. Called "Giant Fancy" because their flowers are so large, of perfect form and delightful effect.

Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 50c.

New Double Crested. This beautiful type is fine for use as a cut flower. Double-crested, having double centers with a row of petals around the base.

Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

Sensation. (New). Early, mammoth pink and white flowers; 10 weeks from seed.

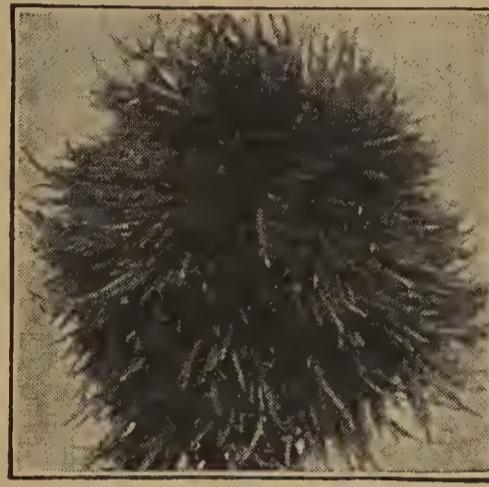
Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

Chinese Woolflower

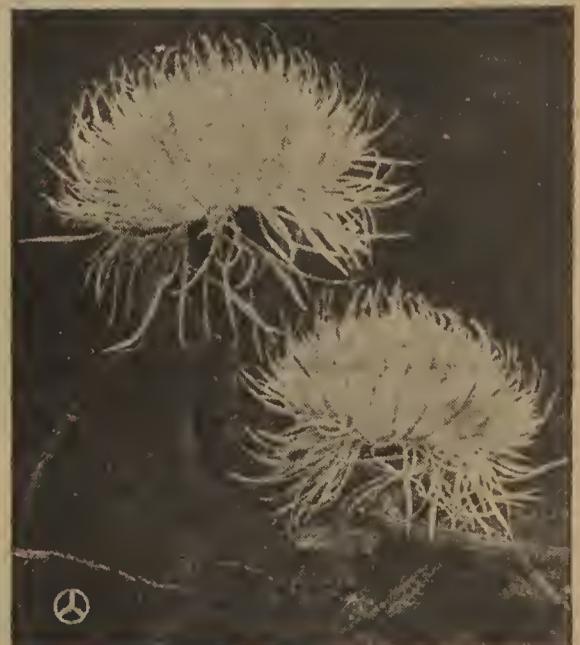
(*Celosia Childsi*)

The most curious and interesting of all Celosias. Globular flowers, like balls of bright wool, bloom in July and continue until cut down by frost; do not fade, but increase in size and brilliancy. Height 2 to 3 feet.

Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.



Chinese Woolflower

Single Annual
Chrysanthemums

"Sweet Sultan" (Centaurea)

CHRYSANTHEMUM

Annual Double and Single Mixed. Beautiful double and single type together in a wide range of colors, blooming all summer.

Pkt. 10c; $\frac{1}{3}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

CINERARIA

Maritima. Another "Dusty Miller," denser than the Centaurea type; one of the showiest silver or white-leaved foliage plants for bedding, ribbon beds and margins. (See illustration with Kochia, page 26).

Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c.

COBAEA SCANDENS

A rapid climber, with attractive foliage and large, bell-shaped flowers; green at first but quickly changing to purple. Tender annual. 20 ft.

Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. \$1.00.

COLEUS

Choicest New Hybrids. A class of popular decorative foliage plants with much diversity of pattern and rich coloring. For bedding or pot culture. Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00.



Shasta Daisy



California Poppy



Dimorphotheca—"African Daisy"

DIANTHUS. See page 25.**DIMORPHOTHECA**

(The African Daisy)

Daisy-like flowers in great profusion nearly all summer, if given a sunny location. Good bedder, plants 12 to 15 inches high. Colors range through red, blue, pink, yellow and white, with intermediate tints. Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 35c.

DIDISCUS COERULEUS

(Blue Lace Flower).

Seed sown outdoors after danger from frost, should insure bloom continuously from July to October. The much-branched plants grow to about 2 feet, with subdivided foliage. The terminal flower umbels average close to 3 inches across, a lacy association of long thin tubes and flaring faces in the numerous florets. The entire flower is an appealing shade of "heavenly" blue, and its construction exquisitely dainty.

Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

Cynoglossum Amabile



Blue Lace Flower



"Snow-on-the-Mountain"

CYNOGLOSSUM

(Chinese Forget-Me-Not)

Amabile. A recent introduction from China, becoming very popular. Strong plants 18 to 24 inches high, giving an all summer's profusion of sweet scented, intensely blue forget-me-not-like flowers in large sprays. Pkt. 10c; $\frac{1}{8}$ oz. 15c; $\frac{1}{4}$ oz. 25c.

†DAHLIA

Half hardy perennials. 2 to 4 ft. Popular late summer and fall flowering plants. The double type will bloom first season if sown by April 1st, but sowing the singles may be deferred as late as June.

Double Mixed. Finest double flowers, including the new, large flowered varieties. Pkt., 10c; $\frac{1}{8}$ oz., 25c.

Unwin's Dwarf Hybrids. Made famous by the great bed on exhibition at the Century of Progress. Plants dwarf, stems long and wiry, flowers single and semi-double in several color shades. 90 days from seed. Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 65c.

DATURA

(Angel's Trumpet)

Showy large branching plants, growing 2 to 3 feet high, bearing creamy white, trumpet-shaped flowers 6 inches in length, with a wide bell. They make a fine sub-tropical effect in the garden if given light rich soil and a sheltered sunny location. Pkt., 10c.

†*SHASTA DAISY

The pure white flowers with yellow centers are 3 to 4 inches in diameter, with waxy petals mostly broad and flat. They bloom the entire season and furnish an unfailing supply of cut flowers, besides being a conspicuous and popular white border plant. Hardy perennial. 1 $\frac{1}{2}$ to 2 ft. Pkt. 10c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.

***ENGLISH DAISY**

(Bellis Perennis)

A favorite dwarf perennial, the 6-inch plant providing a vast amount of short-stemmed bloom through the spring and summer. Extensively used as edging plants, and usually carry over if winter mulched. **Maxima Double Mixed.** Pink and white. Pkt. 10c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.

EUPHORBIA**Variegata** (Snow-on-the-Mountain).

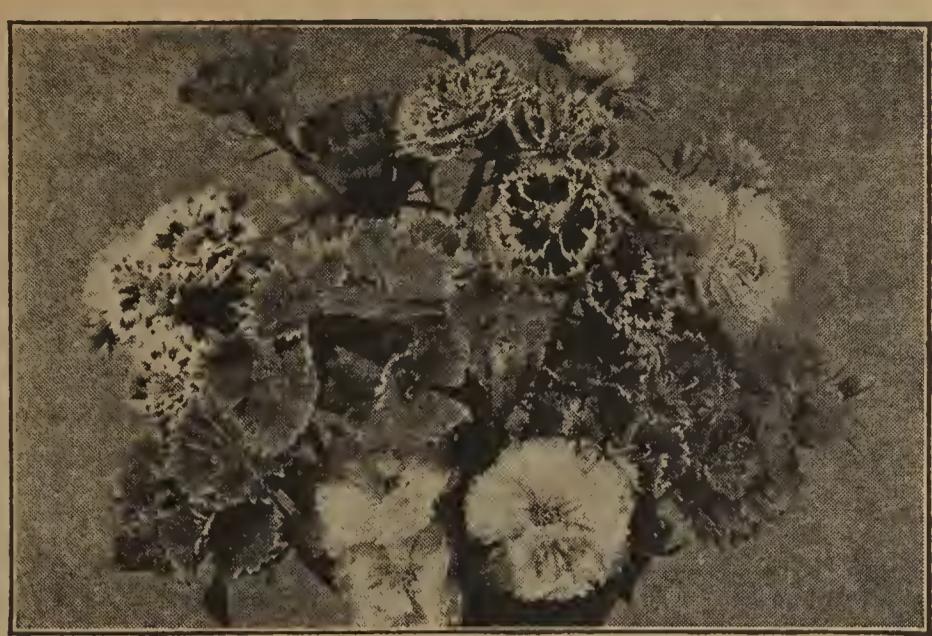
An old garden favorite; foliage and flowers veined and heavily marginated white. 2 to 3 feet. A good alternating plant with pink geraniums, or surrounded by petunias. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.



English Daisy



Forget-me-not



Dianthus—Annual Double Pinks

DIANTHUS**"Pinks" and "Sweet William"**

Few other plants produce more flowers or cover a longer blooming period. All colors, spicy fragrance and lovely form, give them prominence for every garden use.

ANNUAL TYPES

Annual "Pinks" Double Choice Mixed. Mixture of double annual varieties. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

Annual "Sweet William." Phlox-like flowers in many rich colors and patterns, blooming the same year seed is sown. Fine Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 15c; $\frac{1}{4}$ oz. 25c.

Sweet Wivelsfield This is an outstanding English novelty. It is not unlike Sweet William but the flowers are larger, displaying the brilliant coloring and dainty markings of the Hedgewigi strain with a honey perfume. Blooms the first year. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 75c.

***PERENNIAL TYPES**

***Barbatus** (Sweet William). Great richness and variety of coloring; beautifully marked. Numerous broad compact trusses of single flowers like Phlox. Sow the seed in ultimate location, or transplant when young. **Blood Red**, **Giant White**, **Newport Pink** and **Scarlet Beauty**. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

***Barbatus Double Mixed.** Showy. Pkt. 10c; $\frac{1}{8}$ oz. 15c; $\frac{1}{4}$ oz. 25c.

***Deltoides** (Maiden Pink). 18 inches. A charming slender-stemmed type, foliage prostrate; mass of small pink flowers, carmine to light coral. May-June. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

***Plumarius semperflorens** (Grass Pink). Noted for spicy fragrance and rich coloring, with long cutting stems. Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.



Dianthus Barbatus, "Sweet William"



Foxglove

FORGET-ME-NOT

(Myosotis)

***Blue Bouquet.** 12 inches. A compact pillar smothered with bright blue flowers. Pkt. 20c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.

***Pink Bouquet.** 12 inches. Like the above stricta type; flowers warm pink. Pkt. 20c; $\frac{1}{8}$ oz. 40c; $\frac{1}{4}$ oz. 75c.

***Palustris.** 12 inches. Blue with white and yellow eyes. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

***Victoria.** 8 inches. Dwarf; brilliant azure-blue. Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

FOUR O'CLOCK (Marvel of Peru)

Bloom the first season from seed; the clustered flowers open in the afternoon and drop by morning. Its innumerable flowers and gorgeous diversity of colors furnish a great deal of cheer at little expense.

Mixed. Pkt. 10c; oz. 15c; $\frac{1}{4}$ lb. 35c; 1 lb. \$1.00.

FOXGLOVE [Digitalis]

The mammoth 3- to 5-ft. spikes of densely set colored flowers make them very desirable for backgrounds. Hardy biennial.

***Finest Mixed.** Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

GAILLARDIA (Blanket Flower)

***Grandiflora.** Two feet, blooming first season. Flowers large and flat; yellow and orange, with center and varying rings of red and maroon shades. Mixed.

Picta Lorenziana. 18 in. Vivid, showy, double, fringed flowers of large size and all-summer bloom, a great cut flower. Annual Double Mixed.

Both: Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.



Gaillardia



Godetia

+*GEUM

Mrs. Bradshaw. They closely resemble dark crimson Carnations with broad, fluted petals, and a conspicuous tuft of golden stamens. Hardy perennial. 1½ feet. Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

Lady Stratheden. Golden yellow. Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

GODETIA

Beautiful satiny, open flowers covering a wide range of colors. They bear good flowers even in shade, and are better in the cooler sections; not too rich soil. Hardy annuals. 1 foot.

Finest Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

GOURLDS

Tender annual climbers with curiously shaped, fancifully patterned, hard shell fruits, which may be used in many ways.

Large Ornamental Mixed.
Small Ornamental Mixed.

Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c.



3 "Everlastings" for Winter Dried Bouquets

GOMPHRENA (Globe Amaranth). Charming clover-like blossoms in white, pink, and bronzy yellow. They dry perfectly. Mixed. Pkt. 10c; $\frac{1}{2}$ oz. 20c; oz. 35c.

HELICHRYSUM (Strawflower). 2 feet. Double flowers, thickly flat, very full of short, stiff, incurving petals surrounding a depressed center. The favorite "dry bouquet," in many color shades. Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 40c.

HONESTY (Lunaria Biennis). Moonwort, Money, Satin Flower, etc. Thin, round, transparent silvery seed pods in loose panicles, for winter use. Popular hardy biennial. Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

Globe Amaranth.

*HOLLYHOCKS

Double Flowered Mixed. Several distinct colors. Will bloom next year.

Mammoth Fringed Mixed. (Allegheny). The flowers are single and semi-double, finely fringed and curled. Will bloom the first season if sown early.

Above: Pkt. 10c; $\frac{1}{8}$ oz. 15c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 45c.

Triumph Mixed. Dwarf and branching; semi-double flowers in many pastel shades. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

IPOMOEA

All: Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

Moonflower (Ipomoea grandiflora). Grows 5 to 30 feet. At night the plants are covered with solitary 4- to 5-inch, round, pure white, fragrant flowers.

Heavenly Blue Sky-blue flowers against richly green, large foliage. Blooms by day.

Cardinal Climber (Ipomoea Sloteri). A 20- to 30-ft. climber; covered all summer with clusters of small, vivid red flowers. Leaves are deeply laciniate and are in themselves very decorative.



Kochia,
With
Cineraria.
(Page 23)

†GYPSOPHILA

("Baby's Breath")

Delicate stems and foliage in rounded clumps; profusely sprinkled with tiny white star-bloom. These misty panicles are exquisite "mixers," either in bouquets or in the garden.

Elegans. Annual. Sow often. Pkt. 10c; $\frac{1}{2}$ oz. 15c; oz. 25c.

Paris Market. (New). Extra large flowers, all summer.

Pkt. 10c; $\frac{1}{2}$ oz. 25c; oz. 40c.

***Paniculata.** Hardy perennial, 2 feet. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

***HELIOPSIS Excelsa (Orange Sunflower).** 3 ft. July and August bloom, chrome yellow; an earlier and freer blooming dwarf Helianthus. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.



Lupine

***HESPERIS Matronalis (Sweet Rocket).** 3 to 4 feet. Showy spikes of pink flowers, June-July. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

***HIBISCUS (Mallow).** Large fall flowers like single Hollyhocks. 3 to 5 feet. Red, and Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 35c.

HELIOTROPE

Lemoine's Giant Hybrid. Of robust growth, large flower heads, blooming all summer. Choice Mixed Colors.

Pkt. 10c; $\frac{1}{8}$ oz. 30c.

† LARKSPUR (Delphinium)
ANNUAL TYPES (All Double)

Giant Hyacinth Flowered. 3 feet high; with long spikes of giant double flowers. Mixed Colors. Pkt. 10c; $\frac{1}{8}$ oz. 20c.

Giant Hyacinth-Flowered Dark Blue. Stock-Flowered "Exquisite Pink."

Newport Scarlet. Bright double scarlet. Three kinds above: Pkt. 10c; $\frac{1}{8}$ oz. 25c.

Imperial Giant. A new upright strain, flowering close to the central stalk. "Rose King." Beautiful rose-pink.

"White King." Pure white flowers. Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 45c.

Rosamond. All-America Gold Medal winner of 1934. Very early; florets large, very double, closely packed on long spikes; pure, deep rose-pink. Pkt. 15c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

*PERENNIAL VARIETIES

Price: Pkt. 15c; $\frac{1}{8}$ oz. 50c; $\frac{1}{4}$ oz. 90c.
Belladonna. Lovely sky-blue.

Bellamosa. Very dark blue.

Choice Hybrids. The very popular "Gold Medal Hybrids" in various color shades.

Wrexham Hollyhock Strain Mixed. Tall growth, giant flowers, single, semi-double and fully double, a choice mixture.

Chinensis Mixed. Dwarf plants for borders; large flowers, blue and white.

*LINUM

Perenne (Blue Flax). An 18-inch, broad-topped bush spangled with bright blue, phlox-like umbels; a fresh crop each morning all summer.

Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c.

*LUPINE

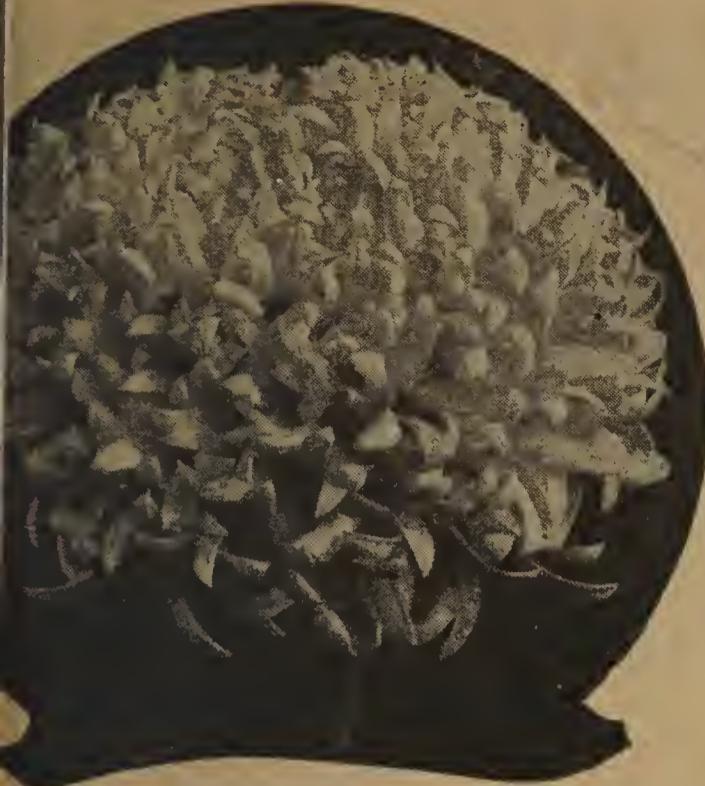
Annual Mixed. Good cutting annuals, about 2 feet. Produces an abundance of long, graceful spikes of pealike flowers which are very showy and pretty in shades of blue, rose and white. Partial shade. Pkt. 10c; $\frac{1}{8}$ oz. 15c; $\frac{1}{4}$ oz. 25c.

***Polyphyllus Mixed.** The strong growing, continuous blooming hardy perennial type. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

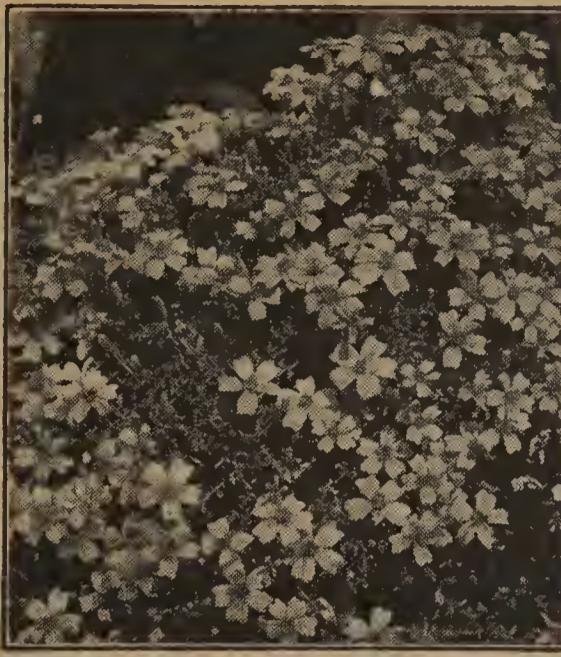
*LYCHNIS

Chalcedonica. 2 to 3 feet. Bright scarlet flowers in medium size flat umbels; blooming the first year.

Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.



New Marigold, "Dixie Sunshine"

The Popular Dwarf Marigold,
"Border of Gold"

New Marigold, "Guinea Gold"

MORNING GLORY

(Convolvulus)

Annual vines of 12 to 30 feet.

Japanese Giant. Their large flowers are striped, spotted and margined in all shades from white to deepest red, blue, and purple. Many are fluted and fringed. Sow the seeds early in a warm sunny place. Choice Mixed. Pkt. 10c; $\frac{1}{2}$ oz. 15c; oz. 25c.

Large Flowering Rochester. Flowers 4 to 5 inches across, deep violet-blue in the throat, graduating out to an azure-blue, bordered with a white band.

Pkt. 10c; $\frac{1}{2}$ oz. 15c; oz. 25c.

Nasturtium, "Golden Gleam"

NASTURTIUM

There is a distinct, peppery and pleasing scent to Nasturtium flowers; the foliage is pretty in its roundness and fresh, clean green; the coloring vividly bright and cheery.

Double Glorious Gleam Hybrids

The "Glorious Gleam" strain is one of the most outstanding recent developments, similar in form and habit to Golden Gleam. These hybrids run the gamut of colors known to Nasturtiums; are long-stemmed, sweet scented, free-blooming and double.

Pkt. 10c; $\frac{1}{2}$ oz. 15c; oz. 25c; $\frac{1}{4}$ lb. 75c.

Love-in-a-Mist

NICOTIANA

(Sweet Scented Tobacco)

Their long, broad leaves are quite as attractive as the fragrant star-shaped bloom.

Affinis. Pure white, sweet-scented flowers.

Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

Hybrida Mixed. Has large star-shaped flowers in many colors. If plants are taken up in fall, cut back, and potted, they will bloom in the house during the winter. 2 to 3 feet.

Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.**NIGELLA**

(Love-in-a-Mist or Devil-in-the-Bush)

Damascena. Mixed blue and white. Compact plants a foot high, with fine cut foliage within which is set a profusion of pretty, curious shaped flowers and seed pods; make good short-stemmed cut flowers.

Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

Dwarf Mixed

This splendid mixture contains all the named varieties and colors; will produce delightful cutting flowers on long stems; the bushes are compact, 18- to 24-inch mounds.

Pkt. 10c; oz. 15c; 2 ozs. 25c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.**Tall Mixed**

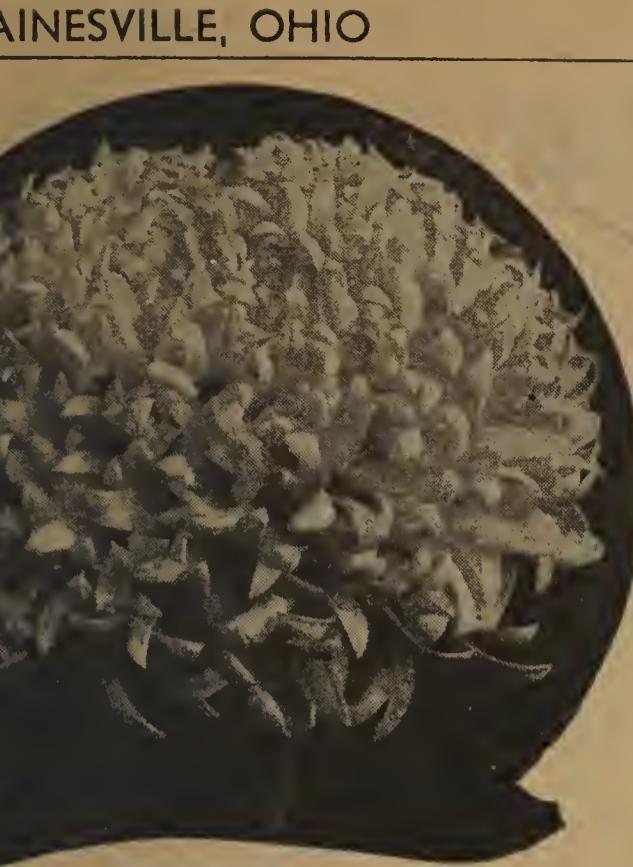
This is one of the most complete mixtures of Climbing Nasturtiums on the market; it includes, besides the various colors in this class, the popular strains of Mad. Guenther Hybrids, Lobb's and Chameleon.

Pkt. 10c; oz. 15c; 2 ozs. 25c; $\frac{1}{4}$ lb. 35c; lb. \$1.00.**Dwarf Double "Gem", Golden**

Globe A new variety, the first distinct color separation from the "Gem" type, which is dwarf, compact, roundly double, delicately sweet scented, free-blooming. The color is identical with Golden Gleam.

Pkt. 10c; oz. 25c; 2 ozs. 40c; $\frac{1}{4}$ lb. 75c.**Dwarf Double Gem Mixture**

This new Gem class is giving the "Gleam" group a popular run. Plants are very compact with no runners, well covered with large double flowers which range in color through yellow, orange, scarlet, crimson, salmon, cerise, cream, maroon, and spotted. Some leaves are dark colored.

Pkt. 10c; oz. 25c; 2 ozs. 40c; $\frac{1}{4}$ lb. 75c.**MIGNONETTE**

A delightfully fragrant, hardy annual, blooming the entire season; fine for cutting and for winter pot culture.

Goliath. Immense spikes, on strong stiff stems; very fragrant, bright red.

Pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 40c.

Large Flowering. Sweet Mignonette.

Pkt. 10c; $\frac{1}{2}$ oz. 15c; oz. 25c.

Engelmann's Giant

**PANSY**

Pansy seed sown the latter part of April is best for spring sowing; under normal conditions, producing flowers by the last of June and continuously until fall. A well enriched, finely worked soil is best. If drilled in, seed should be covered not over four times its own depth. If thinly covered (paper will do), to preserve moisture, germination should occur within 8 to 12 days.

California Giants Mixed. A combination of choice "Giant" types; showing the best there is in size, color diversity, and other qualities.

Pkt. 20c; 1/16 oz. 60c; 1/8 oz. \$1.00.

Engelmann's Giants Mixed. A choice show type commercially introduced from a Scottish gentleman's estate. It displays extremes of both light and dark color shades in massive flowers borne very early; plants low and compact. Our seed is absolutely true Engelmann's—grown by the originator.

Pkt. 20c; 1/8 oz. \$1.50; 1/4 oz. \$2.75.

Roggli Swiss Giants Mixture. This type and particular strain has provided the most outstanding satisfaction among Pansy growers during the past few seasons. Size of flower is commanding; the average bloom 3 inches in diameter, many even larger. The stems are extra long. The face patterns are of engaging interest, the petal texture thick and velvety. Above all else, the color range is most extensive; for the first time introducing red, pink and salmon shades, hitherto unknown.

Pkt. 20c; 1/16 oz. 50c; 1/8 oz. 90c;

1/4 oz. \$1.75.

Superfine Giants Mixed. A selected strain well color balanced, particularly rich in yellows, with brilliant fancy blotches.

Pkt. 20c; 1/16 oz. 75c; 1/8 oz.

\$1.25; 1/4 oz. \$2.00.

Rheingold. This is a new Swiss Giant—all yellow, the very best, most intense yellow to be found among all the Pansies. There are dark blotches on the lower petals.

Pkt. 20c; 1/16 oz. 75c; 1/8 oz.

\$1.25; 1/4 oz. \$2.00.

Trimardeau Type. Immensely popular because plants are compact, well rounded and extremely free-blooming; making a brave show in beds and borders. Their coloring is delightful, on stems long enough for dainty bowl bouquets.

Mixed. Pkt. 10c; 1/8 oz. 20c;

1/4 oz. 35c.

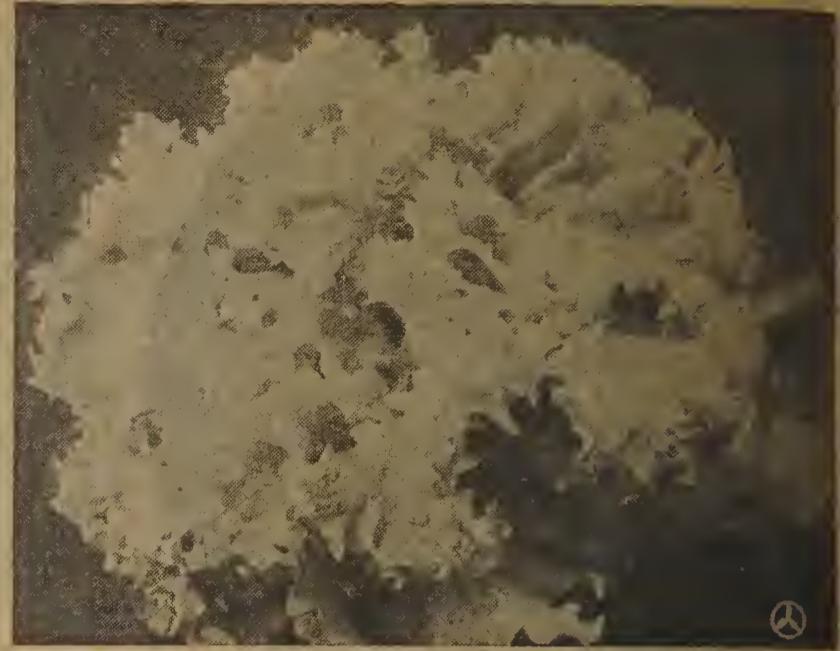
Steele's Jumbo Mixed. Earliest and largest of all. Massive flowers up to 4½ inches across. The color range embraces most of the known shades. Our seed procured direct from the originator, an international leader in Pansy production.

Pkt. 25c; 1/16 oz. \$1.25; 1/8 oz.

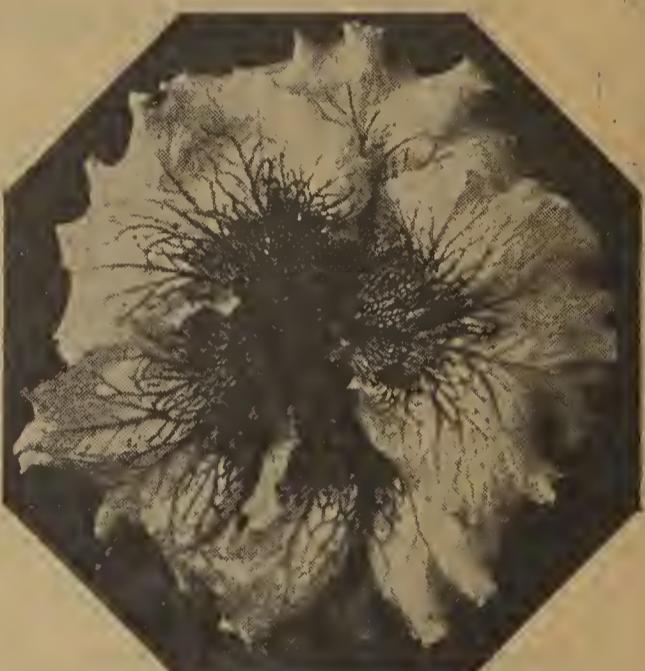
\$2.00.



Giant Ruffled Petunias



Double Giant Flowering Petunias



Petunia, Giants of California

PETUNIA BALCONY

A valuable section remarkable for their great freedom; with single flowers 3 inches across, in vivid, solid colors. Adapted to all uses.

Black Prince. A new Balcony; darkest of all red Petunias. Very striking; rich velvety red, dark almost to blackness. Pkt. 15c; 1/128 oz. 60c; 1/64 oz. \$1.00.

Balcony Mixture. Several colors. Pkt. 10c; 1/16 oz. 35c; 1/8 oz. 60c.

SINGLE BEDDING

Celestial Rose. Low, compact plants 8 inches high, hidden under masses of lustrous rose-pink 2-inch flowers. A new, outstanding, free-flowering bedding type which long holds its color. Pkt. 20c; 1/32 oz. 35c; 1/16 oz. 60c.

Rosy Morn. Compact, bushy; a soft tone of rose-pink, with silvery white throat. The most popular.

Pkt. 10c; 1/16 oz. 35c; 1/8 oz. 60c.

Silver Blue. Medium sized flowers, compact plant like Rosy Morn, and a lovely companion to it for massing; light silvery blue.

Pkt. 15c; 1/16 oz. 35c; 1/8 oz. 60c.

Striped and Blotched. Mixed.

Pkt. 10c; 1/8 oz. 25c; 1/4 oz. 40c.

Single.

Fine Mixed. Pkt. 10c; 1/4 oz. 50c.

RUFFLED NANA COMPACTA Martha Washington.

Perfect mounds of plant and covering bloom, 9 inches high. 2½-inch single flowers slightly ruffled; very striking in lilac-white with violet feathering around a black-violet throat. A fine border.

Pkt. 20c; 1/16 oz. \$3.00.

SINGLE LARGE

Giant Ruffled. The flowers of this strain are ruffled and fringed, colors rich and gorgeous, with deep throats of various shades.

Mixed. Pkt. 20c; 1/16 oz. \$3.00.

Giants of California. Choicest mixed seed saved from show flowers. Very large and unique. Mixed. Pkt. 15c; 1/64 oz. \$2.50.

Elks' Purple. The magnificent "color" of the Elks' Order. The single 3-inch flower is the richest purple shade conceivable.

Pkt. 20c; 1/64 oz. \$1.25.

DOUBLE GIANT

Composed of the best and largest flowered strains grown. While a fair per cent will reproduce double, some will not. The single ones, however, will be richly colored and finely marked. Mixed. Pkt. 25c; 1/64 oz. \$4.50.

ALL-DOUBLE GIANT FRINGED

5-inch flowers are usual, 95 per cent double, most of them beautifully fringed, in a brilliant color range.

Mixed. Pkt. 50c; 1/128 oz. \$3.25.



New Pentstemon "Sensation"

PENTSTEMON

Large Flowering "Sensation." Half-hardy perennial. The numerous gloxinia-shaped flowers are borne in long spikes from May until frost. Will bloom the first season if sown early in hotbed and transplanted early. The colors are white, pink, rose and crimson, many being spotted and margined. Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 60c; $\frac{1}{4}$ oz. \$1.00.

***PERENNIAL PEA (Lathyrus Latifolius)**

Splendid flowering vine for covering rocks, stumps and walls. Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

PHACELIA

Campularia (California Blue Bell). 8 inches. Terminal racemes of gentian-blue with white anthers. One of the earliest annuals, with a long season; effective edgings.

Whitavia (Wild Canterbury Bells). 12 inches. Larger flower bells than above; violet-blue. Both: Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 30c.

Drummondii Grandiflora.

Hardy annuals. 1 foot. Blooms early, freely, and continues until severe freezing. The seed may be planted in the open ground May 1st or in hotbed or house earlier, afterwards transplanted 8 to 10 inches apart each way.

Choice Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c; oz. \$1.00.



Annual Phlox

PORTULACA ("Moss Rose")

Trailing plants which love the sun, and nestle close to the warm, sandy loam of their choice. The numerous, round, flat flowers set close, and brilliantly illumine the emerald of the foliage with vivid shades of red, yellow, pink and white. Half-hardy annual.

Double Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 50c. **Single Mixed.** Pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 45c.

Phlox Drummondii Giant Art Shades

This is a splendid new introduction which segregates the lovely, delicate pastel shades from the harshness of more distinct types, and creates a soft symphony of alluring beauty. Uniform mounds about 9 inches high, in all-summer bloom. Award of Merit, 1935, All-America Selection.

Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

Drummondii Nana (Dwarf). Grows about 6 inches high, splendid for pot culture or for ribbon lines and for massing. Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

Starred and Fringed. The most interesting of the Phlox family, bearing pretty star-shaped, fringed flowers, rich in color. Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

***Hardy Perennial** Named varieties of these are among the show features of our nurseries. Seed is saved from this magnificent collection. Finest Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 30c.

***PLATYCODON (Balloon Flower)**

The unopened buds resemble miniature balloons opening up as deep throated, 1½- to 2-inch bells. Hardy perennials, 2 to 3 feet; prolific and long season of bloom. Seed sown in early spring will bloom in August. Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 35c

POPPY (Papaver)

Poppies are among the most interesting of the garden flowers with vivid colors and fern-like foliage. Annuals should be sown as early in spring as possible, just barely covered, in the location where they are to remain.

+ANNUAL POPPIES

Shirley Poppies This type is perhaps the most beautiful of all; one sowing keeping the bed alight all summer. Although they are mostly single, many come semi-double, or with fluted margins. The colors range from white, through various shades of pink, to scarlet and deepest crimson. Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c.

Carnation-Flowered. Many-petaled, finely fringed flowers, brilliant colors. Mixed. Pkt. 10c; $\frac{1}{4}$ oz. 20c; $\frac{1}{2}$ oz. 35c.

***PERENNIAL POPPIES**

***Oriente** These average 6 inches across and are imposing in spring, with their fiery orange-scarlet bloom, on nodding stems 3 to 4 ft. high. No bloom the first year. Pkt. 10c; $\frac{1}{4}$ oz. 25c; $\frac{1}{2}$ oz. 40c.

***Large Flowered Oriental Hybrids Mixed.** The colors in this mixture may be various shades of red, orange, or in pink, salmon, and white combinations. Pkt. 10c; $\frac{1}{4}$ oz. 30c; $\frac{1}{2}$ oz. 50c.

***Iceland** (*Papaver nudicaule*). Small, single, cup-shaped flowers 2 to 3 inches in diameter with ruffled petals; yellow, orange, and white. Sown early in spring will bloom in June and continue until cold weather if not allowed to bear seed. Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

***Sandford's Giant Strain.** (New). Of true Iceland type; yet the cutting stems attain 2 to 3 feet, and the magnificent flowers often measure 5 inches in diameter. These are sensational when introduced as cut flowers. Colors range widely in shades and combinations. Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 50c.

***PYRETHRUM**

***Roseum Hybridum.** (Painted Daisy). Showy hardy perennials, blooming the first season if sown early. 2- to 3-inch daisy-like flowers in white, rose, crimson, and scarlet colors. The foliage is fine-cut and ferny. 2 feet.

Double and Single Mixed. Pkt. 15c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

Single Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.



Shirley Poppies



Double Portulaca



"Painted Daisies"



Salpiglossis



Double Chrysanthemum Sunflower



Scabiosa



Schizanthus



Stocks or "Gillyflower"

†RHODANTHE

(Strawflower)

Excellent garden cut flowers, blooming freely in late summer on plants 9 to 12 inches high. These come in white, pink and red, and when properly dried are charming "everlastings" for winter bouquets. Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

RICINUS (Castor Oil Plant)

Tender annual. Singly, it makes a perfect pyramid, thickly set with its enormous beautifully lobed leaves; or, a large group of them gives a fine tropical effect.

Zanzibarensis. Robust strong grower, foliage green and red.

Mixed. Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

***RUDBECKIA**

Newmanni (Black-Eyed Susan). Plants 1 $\frac{1}{2}$ to 2 ft.; daisy-like flowers orange-yellow with prominent blue-brown cone.

Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

Purpurea (Purple Coneflower). Plants 2 to 3 feet. Large flowers with the drooping petals colored reddish purple, with a large cone-shaped center of brown. Each bristle golden tipped.

Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

†SALPIGLOSSIS

Half-hardy annual. 2 feet. Of sensational recent popularity, subject of much discussion and competitive rivalry among gardeners. The flowers are open bell-shape, numerous and gracefully set on the stems, varying by culture from 2 to 4 inches across. The colors are rich and voluptuous with metallic luster, marbled and penciled on, many flowers having the appearance of being sprinkled with gold dust. Bloom from August to October, on long stems, making an ideal cut flower. Very easily grown.

Emperor Choice Mixed. Pkt. 10c; $\frac{1}{8}$ oz.

20c; $\frac{1}{4}$ oz. 35c.

SALVIA [Scarlet Sage]

This very popular plant is a tender perennial, but should be treated as an annual. Its beautiful flaming spikes of blossoms will add more to a border than any other plant, and where a brilliant scarlet is wanted it is unsurpassed.

America Because of its uniform growth coupled with profuse and continuous bloom, this comparatively new variety is particularly valuable for extensive bedding or formal lines.

Pkt. 10c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 75c.

Splendens. One of the most gorgeous of annuals, blooming readily throughout the summer and fall. The plants grow from 1 $\frac{1}{2}$ to 3 feet in height, inclined to branch freely towards the top, are completely covered with showy sprays of bright scarlet flowers until cut down by frosts.

Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

†SCABIOSA

(Mourning Bride)

Hardy annual. 2 to 2 $\frac{1}{2}$ feet. Blooms profusely from July until severe autumn frosts. Flowers are of compact rounded shape, long stems, making them ideal cut flowers which keep in water a week. The colors are both strong and dainty, equally enjoyable and effective in bouquets or the garden.

Double Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 20c.

Peach Blossom. A beautiful shade of peach-blossom-pink, large size and long stems. An excellent cut flower.

Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

†SCHIZANTHUS

(Butterfly Flower)

Annuals, producing in a few weeks from seed, a plant obscured by a wealth of beautiful flowers in many colors—spotted, blotched and veined.

Hybridus Grandiflora. Choice mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

***STOKESIA**

(Stokes' Aster)

A splendid perennial for garden culture, in beds or borders. Blooms first year from seed. 1 $\frac{1}{2}$ to 2 feet.

Cyanea. Showy deep lavender-blue, aster-like flowers, in broad clustered heads from June on.

Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

STOCKS

The "Gillyflower" is a half-hardy annual. The flowers in close-set, thick panicles on both main and side stems.

Double Giant Perfection. All Colors, Choice Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 25c.

"Cut-and-Come-Again"

An "everblooming" strain commencing in July (from seed sown in March or April), but attaining perfection in September and October.

Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 25c; $\frac{1}{4}$ oz. 40c.

†SUNFLOWER

(Helianthus)

Double Chrysanthemum-Flowered. Grows about 6 feet high and blooms profusely. The perfectly double flowers are bright yellow, from 3 to 6 inches in diameter.

Pkt. 10c; $\frac{1}{4}$ oz. 20c; oz. 60c.

Large Russian. A very tall growing double variety. 10 to 15 feet. The seed is used for poultry. (See page 16).

Price, 1 oz. 10c; $\frac{1}{4}$ lb. 15c; lb. 25c.

Purpureus (New Red Sunflower). The flowers come in various shades of red, and red margined with yellow, ranging from 2 to 5 inches in diameter. Plants grow branchily 3 to 4 feet high, and bloom freely. Pkt. 10c; $\frac{1}{4}$ oz. 15c; oz. 35c.



Sweet Peas

SWEET PEAS

CULTURE. Locate planting where there will be uninterrupted sunlight, in as good soil as possible, thoroughly mixed with well-rotted manure. Seed should be sown in March if possible, about 6 inches down in the trench. Support in the form of brush, chicken wire, or taut strings should be supplied, plants thinned 2 to 4 in. apart, and soil drawn in for root protection.

NAMED VARIETIES

PRICE	$\frac{1}{2}$ oz. 15c; oz. 25c; $\frac{1}{4}$ lb. 60c; $\frac{1}{2}$ lb. \$1.00.
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Charity Pure crimson; a bold, brilliant flower, defying the sun to burn.

Constance Hinton A mammoth sized white, at first faintly blushed.

Reflection One of the very best; clear blue. Vine vigorous; flowers large, on long stems.

Scarlet Welcome Dazzling scarlet; a vivid, satisfying color.

MIXTURES

PRICE	$\frac{1}{2}$ oz. 10c; oz. 15c; $\frac{1}{4}$ lb. 45c; lb. \$1.25.
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"Early Sunrise" Mixture

This is a wonderful blend of the named Early Flowering Spencers.

Summer Spencers Mixed

A great many varieties and colors.

S. & H. "Sunset" Mixture

Exactly apportioned in our mixing for a color balance from choice named varieties of summer Spencers.

TITHONIA

Speciosa. A rare plant from Mexico with dazzling orange-scarlet flowers reminiscent of an immense single Zinnia. It forms a large shrubby plant, flowers for a long period and is desirable for planting among shrubs or in the background; will also bloom in the house, if litfed before frost.

Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 50c.

TORENIA

Fournieri ("Wishbone Flower"). A fine branching, small-leaved annual plant useful for vases, hanging baskets, and summer borders. Plants are covered the entire season with inch-thick solitary flowers; deep sky-blue, with three velvety violet spots, yellow throat.

Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

Hardy Perennials and Biennials FROM SEED

In the case of perennial seeds, the earlier they can be sown, the better it is for plants that should give satisfactory bloom the next year.

All pkts. 10c.

	$\frac{1}{8}$ oz.	$\frac{1}{8}$ oz.
Anchusa Dropmore	\$0.20	
Aquilegia (Columbine).		
Mixed Double	.25	
Chrysanth	.30	
Long-Spurred Hybrids	.50	
Campanula medium.		
Double Mixed	.20	
Single Mixed	.20	
Calycanthema. Mixed	.25	
Candytuft. Sempervirens	.35	
Queen of Italy	.20	
Centaurea, montana	.20	
Cerastium tomentosum	.25	
Cheiranthus Allioni	.25	
Coreopsis lanceolata grandiflora	.20	
Daisy. Double Mixed	.40	
Shasta. Large, single	.40	
Delphinium (Larkspur).		
Belladonna	.50	
Bellamosa	.50	
Gold Medal Mixed	.50	
Wrexham Mixed	.50	
Dianthus (Sweet William).		
Barbatus Mixed	.25	
Barbatus, Scarlet	.25	
Barbatus, White	.25	
Dianthus (Hardy Pinks).		
Deltoides	.20	
Plumarius Semp. Mixed	.20	
Digitalis (Foxglove). Mixed	.20	
Forget-me-not (Myosotis). Victoria	.30	
Palustris	.25	
Blue Bouquet	.40	

VERBENA

Mammoth Flowered A showy creeper with uprising stems to 18 inches, literally covered, midsummer to frost, with umbels of brilliant bloom in several distinct colors. May be sown in April, and thinned to 15 inches apart; or for early blooms sow in boxes and transplant.

Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 15c; $\frac{1}{4}$ oz. 25c.

Beauty of Oxford Hybrids

(Novelty). This is a splendid giant hybrid derived Beauty of Oxford, which contributes individual florets one inch in diameter. Robust and fairly upright, although freely branched. The colors are delightful shades ranging from clear rose-pink to deep rose-red.

Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 60c.

WALLFLOWER

Early Wonder Double Mixed

Plants 2 feet high, bearing many spikes of fragrant double flowers in a fine range of colors.

Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.

*YUCCA ("Spanish Bayonet")

Filamentosa. Broad, sword-like leaves, quite evergreen; midsummer flowers on tall, branched spikes of pendent, creamy white, large bells.

Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.



Verbenas.

S & H "Color Riot"

Annual Mixture

Contains a mixture of seed from hundreds of free flowering annuals that will give amazing effect the first year.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

*Perennial Mixture

A splendid mixture of permanent flowers, all free flowering and very desirable.

Pkt. 10c; oz. 25c; $\frac{1}{4}$ lb. 75c.

ROCK GARDEN

Annual Mixture

An association of 25 kinds suitable for a rockery.

Pkt. 10c; $\frac{1}{2}$ oz. 35c; oz. 60c.

*Perennial Mixture

Made up from over 50 choice rock garden perennials.

Pkt. 10c; $\frac{1}{8}$ oz. 30c; $\frac{1}{4}$ oz. 50c.



Dahlia-Flowered Zinnia

ZINNIAS

Hardy annual. We recommend Zinnias for beds, borders and summer hedges, where they will bloom quite freely, but are incomparably bright during the month of August. Sow seed in the open ground early in spring or start in hotbed or window and transplant when ground is suitably warmed.

DAHLIA-FLOWERED

They very closely resemble the double decorative type Dahlias in form and in their robust growth. Plants get up to 3 feet in height, with perfect flowers often 6 inches wide by 3 and 4 inches in depth. These range widely as to color, even introducing depths and tones heretofore unknown in Zinnias.

PRICE Each of these 11 varieties below:
Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c;
oz. \$1.00.

Buttercup. An immense deep creamy yellow.
Crimson Monarch. Immense 8-inch flowers.
Dream. Deep lavender to mallow-purple.
Exquisite. A most pleasing color, light rose with center a deep Tyrian rose.
Golden Dawn. Clear, rich, golden yellow.
Golden State. Bright yellow in the bud, deepening with maturity to rich orange.
Meteor. Rich, glowing deep spinel-red.
Old Rose. Fitly named for its color.
Polar Bear. Conspicuously large, clear white.
Purple Prince. A fine, deep rhodanthe-purple.
Scarlet Flame. Vividly descriptive.

Double Dahlia-Flowered Mixed

Pkt. 10c; $\frac{1}{8}$ oz. 15c; $\frac{1}{4}$ oz. 20c; oz. 75c.

NEW DWARF ZINNIAS

Gypsy One of the new "Early Wonder" group, which gives flowers about 30 days from seed. Plants 15 to 18 inches. Medium sized double flowers on long wiry stems; a rich, deep, burnished orange.

Pkt. 15c; $\frac{1}{8}$ oz. 75c; $\frac{1}{4}$ oz. \$1.25.

Linearis Very dwarf but spreading, 8 to 10 inches by 2 feet. Early flowering; single flowers deep golden orange with light central stripe and dark center; resembles Cosmos in form.

Pkt. 15c; $\frac{1}{8}$ oz. 75c; $\frac{1}{4}$ oz. \$1.25.

Spun Gold 12 to 18 inches. 45 days. Double flowers $2\frac{1}{2}$ to 3 inches wide. A delicate pastel shade of butter-yellow. Pkt. 10c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 75c.

STARTED PLANTS

NEW GIANT PICOTEE ZINNIAS

The beautiful flowers are of a giant type, each petal distinctly tipped with a darker shade as in Picotee Carnations. They come in a variety of colors, including orange, flesh, lemon, pink and cerise, each with the peculiar marking on tips of petals. Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 20c;
 $\frac{1}{4}$ oz. 35c.

L79



Lilliput



Zebra



Picotee Zinnia

CURLED and CRESTED

The flowers are large, full and double, the petals being twisted, rendering them free from stiffness. Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

ZEBRA (Stricta Elegans)

Medium size, compactly double, evenly imbricated flowers of every color, each gaily splashed and mottled with contrasting shades. Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

DOUBLE POMPON or "Lilliput"

Flowers small, double, perfect, of colorful effect in mixture; fine for bouquets or garden beds and borders.

Lilliput Pastel Shades. Compact flowers 1 to $1\frac{1}{2}$ inches in delicate shades of apricot, peach, yellow, shell-pink, salmon-rose and orchid. Very free bloom. 45 days. Mixed.

Pkt. 10c; $\frac{1}{8}$ oz. 45c; $\frac{1}{4}$ oz. 75c.

Red Riding Hood. 12 inches. Vividly effective; bright crimson-scarlet.

Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

Double Pompon Mixed.

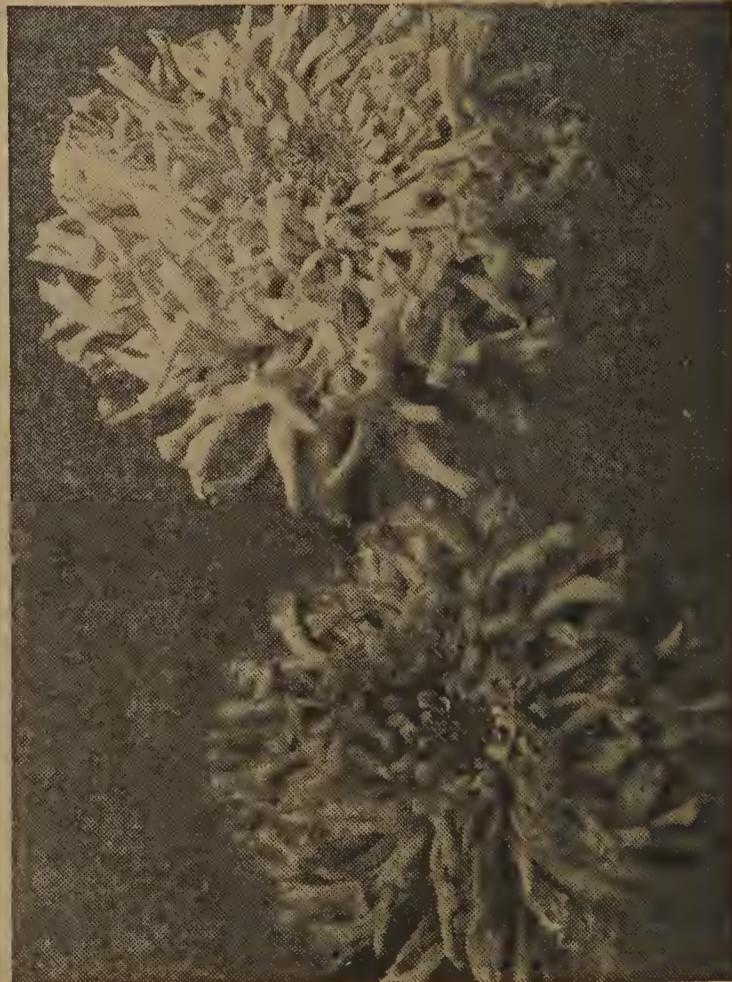
Pkt. 10c; $\frac{1}{8}$ oz. 20c; $\frac{1}{4}$ oz. 35c.

Fantasy

Plants 2 $\frac{1}{2}$ to 3 feet. Splendid, well-rounded, good sized flowers in all-season abundance of pleasingly unique construction, popular both for cut flowers and for bedding. A mass of shaggy, raylike petals suggest those ragged Japanese Chrysanthemum favorites of autumn. The colors range through orange, red, pink and cream, with pastel tones. Mixed. Pkt. 10c; $\frac{1}{8}$ oz. 35c; $\frac{1}{4}$ oz. 50c.

Star Dust

Rich golden yellow color, derived from "Fantasy." A delightful cut-flower on long stems. Pkt. 15c; $\frac{1}{8}$ oz. 75c; $\frac{1}{4}$ oz. \$1.25.



In case you neglect sowing flower seeds until too late, or prefer to make sure of definite planting units—we can provide most standard annuals from pots at planting time. See list and offer on page 51.

S. & H. HARDY GARDEN CHRYSANTHEMUMS



Brune Poitevine



Rodell



Crimson Splendor



White Doty



Aladdin



Mrs. H. Harrison



Pink Cushion
NEW HARDY
Chrysanthemum

14 Two each of the seven varieties above, by mail postpaid. \$3.00 — or one each for \$1.75 [C]

The STORRS & HARRISON CO.'S *Hardy Phlox*



Widar



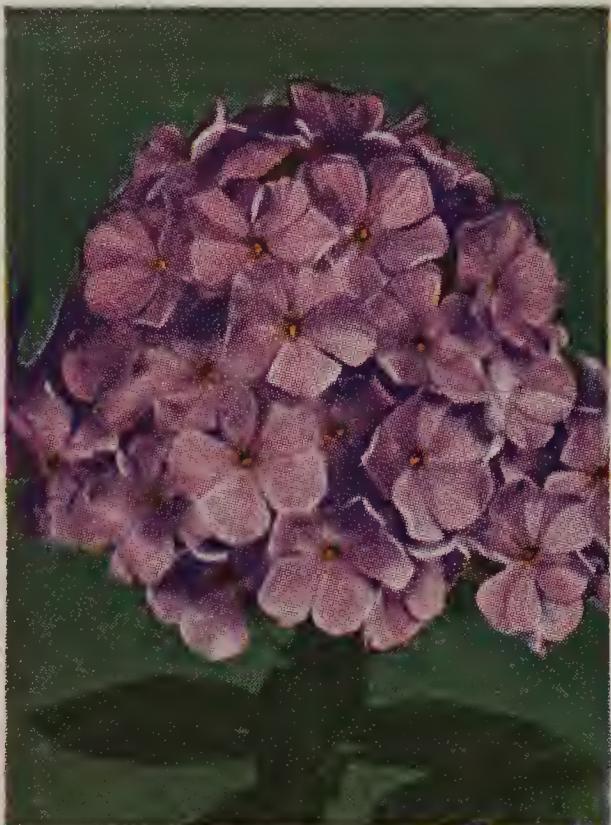
Enchantress



Graf Zeppelin



Mia Ruys



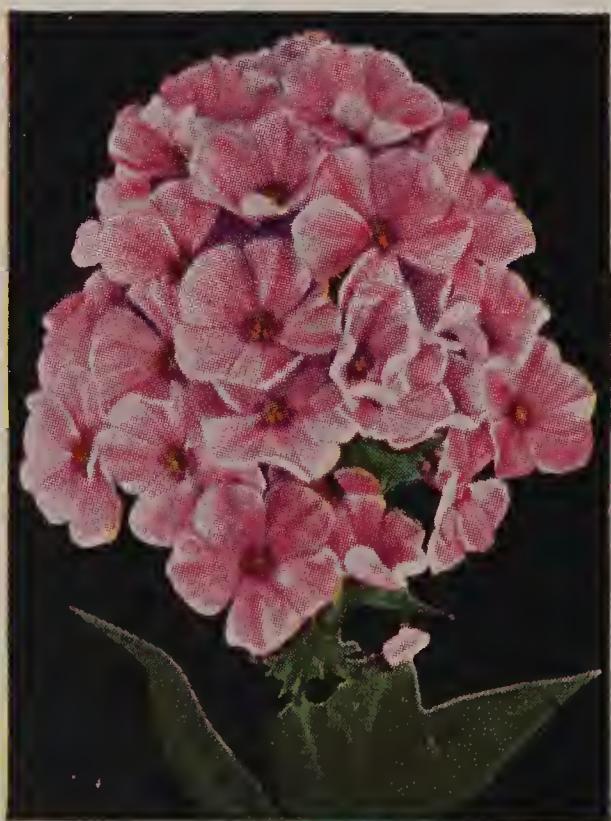
Ethel Pritchard



Daily Sketch



Leo Schlageter



Milly Van Hoboken



Africa

9 PHLOX — one each of the above nine varieties by mail postpaid for \$2.00

S & H HARDY PERENNIAL PLANTS



Come into the garden . . . it glows with beauty, life and color; from April on until December

★ PLEASE NOTE THE MANY NEW ITEMS THIS SPRING ★

THE strongest practical argument in favor of hardy perennials is the fact that once planted, they continue year after year with no further gardening concern beyond cultivation, cutting and thinning.

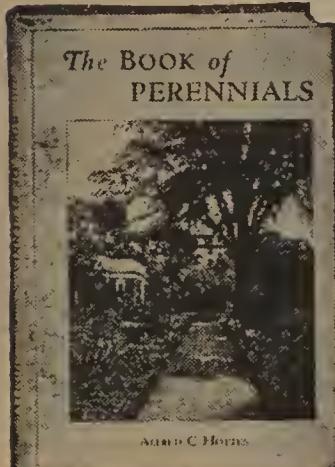
Beautiful in a thousand types and expressions, embracing every color shade and pattern within the knowledge of man, it needs only a little thought, study, and art sense to so select types and associate colors, that the perennial garden will become a vivid, glorious, living adventure in beauty and self-expression.

In all descriptions, we aim to show normal matured height, blooming period, color, and any special quality or utility; so that the reader may easily select and associate varieties to fit any desired plot or purpose.

PLANTING. These roots may be planted as early in spring as the ground is pliable (or in the autumn); selecting an opportunity when the soil is not cold, wet or soggy. Large clumps are not necessary nor often desirable; the smaller divisions or pot grown stock showing more thrift and virility and developing into shapelier plants than the bulkier old roots.

Any good soil sensibly enriched with fertilizer, dug deep and thoroughly mixed, will be satisfactory.

WINTER PROTECTION. Everything listed in this section is "hardy," but in varying degree. A light covering of coarse straw, manure or leaves (not over 2 or 3 inches deep) will give comfort to all kinds, and insure safety.



Study Gardening BOOKS

No commercial catalog can fully cover the innumerable comparisons, selections, arrangements, processes, cultivation, etc., which enter into the matter of Garden and Gardening.

We recommend and offer THE BOOK OF PERENNIALS by Alfred C. Hottes, one of the best and most practical for general information.

\$2.15

Postpaid.

This is How We Price Them

By Mail—We Pay the Postage

3— The least number practical for planting; for show, for cutting, and for protection of the variety should one plant die.

Doz. (6 of a kind take the dozen rate). A dozen, or half-dozen of each are much more impressive than lesser lots.

By Express—You Pay the Charges

100 (25 of a kind take the hundred rate). Landscape effects require solid masses. Roughly 100 rate is 7 times dozen prices—or write us.

◆ This Mark Designates a Rock Plant ◆

ACHILLEA. Delightful cut flowers and garden units, especially valuable because of long blooming season.

—**Boule de Neige** (Ball of Snow). 18 inches. The best white-flowered edging plant; erect, stiff stems and compact clusters; fully double, rounded, pure white florets. June on.

—**millefolium, Cerise Queen** (Rosy Milfoil). Fine cut, decorative foliage on spreading bushes 18 inches high. Brilliant cerise-red flowers continuous all summer, in flat umbels. This with foliage, is a dainty bowl cut-flower.

—**Perry's White.** 2½ feet. Takes the place of The Pearl, giving height maintained by rigid, upright stems. Extremely free, with clustered double white flowers, excellent for cutting. June and July.

—**tomentosa ◆** (Woolly Yarrow). A low mat of leaves, bright with flat heads of yellow flowers in June and later.

All Achilleas: 3, 55c; doz., \$2.00.

ACONITUM Fischeri (Monkshood). 2 to 3 feet. September and October. Valuable for either sun or shade, and very hardy. The foliage is attractive, and the bloom abundant in long, dense, spikes of hood-shaped flowers; dark blue. Each, 30c; 3, 75c; doz., \$2.75.

ACTINEA ◆ herbacea. (6-9"). Rather flat, dense rosettes of shiny, dark green, lanceolate, 3-inch leaves; intermittently supporting short-stemmed, inch-wide, golden yellow flowers. 25c each; 3, 70c.

AETHIONEMA persicum (Persian Candytuft). 9 inches. Group six inches apart in sunny location for edging, or distribute freely among the rocks. Leaves are glaucous blue on twiggy stems, with many midsummer spikes of rose-pink bloom. 3, 70c; doz., \$2.50.

AGROSTEMMA Coronaria (Rose Campion). 2½ feet. Graceful silvery leaves, and midsummer solitary, Phlox-like crimson flowers; a striking contrast. 3, 70c; doz., \$2.50.

AJUGA ◆ reptans rubra (Bugle). 3 to 4 inches. deep purplish blue. Excellent carpeting plants for grass, bare spots in border, beneath trees or in rockery, in either sun or partial shade; blooming May and June. 3, 70c; doz., \$2.50.

—**Variegated.** A new derivation in which the leaves are heavily veined white. 30c each; 3 for 85c; doz., \$3.00.



Achillea, Boule de Neige



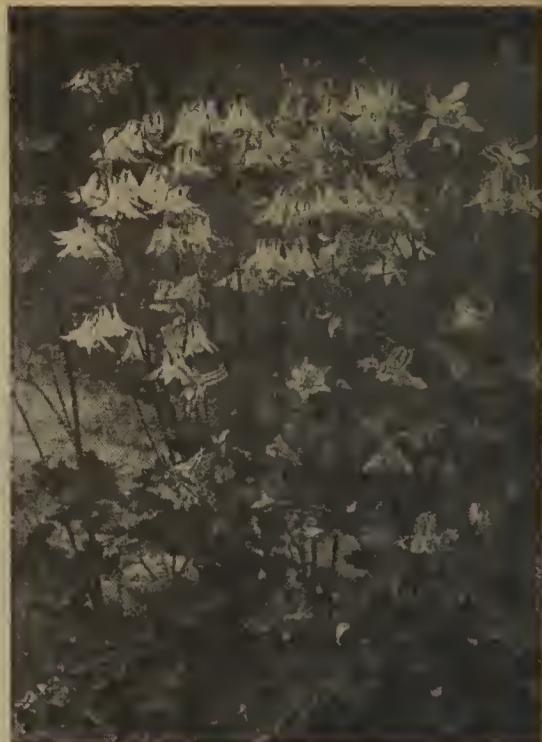
Ajuga Reptans Rubra



Alyssum Saxatile Compactum



Anemone Japonica



Aquilegia, Alpine Blue

ALYSSUM ◇ *argenteum*. 15 inches. Dense growth. Leaves silvery beneath, flowers yellow, in clustered heads all summer. 3, 55c; doz., \$2.00.

—*saxatile compactum* (Golden Tuft). A useful, flat-spreading edging and rockery plant, growing not over 12 inches high; covered with enveloping flat clusters of bright golden yellow flowers. May-June. 3, 55c; doz., \$2.00.

—*Serpyllifolium*. 4-5". Rough, gray leaves; racemes of pale yellow flowers, in season just following Saxatile. 3 for 70c; doz., \$2.50.

—*spinulosum roseum*. 10 inches. Silver-gray foliage, neatly small and attractive, long beyond the season of its light pink flowers. 3 for \$1.00; doz., \$3.00.

ANCHUSA *Dropmore*. A bold, broad-leaved growth with flower stems 3 to 5 feet high, bearing a continuous show of deep blue flowers from spring until late summer. The stools are quite dense and bushy, each stem nearly covered full length with double, inch-wide flowers of the deepest cobalt blue. 3 for 55c; doz., \$2.00.

—*Feltham Pride*. (New). More compact, with very large flowers; bright blue. Each, 25c; 3, 70c; doz., \$2.50.

—*Myosotidiflora*. ◇ 1 foot. A beautiful dwarf border and rockery plant, best in sand. Its foliage is broad on spreading stools, but the vivid flowers in May are almost identical with Forget-Me-Not, a rich gentian-blue. Each, 30c; 3, 75c; doz., \$2.75.

ANEMONE [Windflower]

ANEMONE ◇ *hupehensis*. A miniature Japonica, 10 to 12 inches, in profuse bloom from August on, with 1½-inch single flowers colored bright mauve-rose.

ANEMONE JAPONICA. A most valuable class of hardy plants suitable for edging, massing or single specimens. They grow rapidly 2 to 3 feet and are profuse in bloom, gaining strength and beauty each year. The blooming period extends from August till mid-November.

—*alba*. Glistening, pure white, with yellow center.

—*Queen Charlotte*. Flower semi-double, broad and perfectly formed, the pleasing "La France" shade of pink.

—*rubra*. Brilliant rose-red; yellow center.

—*Whirlwind*. Excellent large, double white flowers

All Anemones: Each, 30c; 3, 75c; doz., \$2.75.

AQUILEGIA [Columbine]

Distinct, deeply cut foliage and delicate arrangement of colors in the pendent flowers. Dainty, showy and desirable as cut flowers, available for Memorial Day; especially suitable for rockwork, at the base of foundation walls and under trees. Bloom in early spring into July; preferring partial shade.

Alpine Blue ◇. Particularly adapted to use in rockeries, as they grow to only about 2 feet, with slender stems and many small bright blue flowers. 3, 55c; doz., \$2.00.

Caerulea. Choice; sky blue, with white corolla.

Chrysanthia. All over pure bright yellow, late blooming.

Chrysanthia alba. Pure white flowers.

Crimson Star An English novelty. Tall, vigorous and productive; its large uniquely colored, long-spurred flowers extremely showy in the garden as well as in bouquets. Spurs and sepals blood-red, the petals pure white.

Dobbie's Imperial Hybrids. English; notable for size, long spurs, and extensive range of colors. **Mixed**.

Long Spur Blue Shades. Selected.

Long Spur Pink Shades. Very showy.

Long Spur Yellow Shades. Uncommon.

Mrs. Scott Elliott's Long-Spurred Hybrids. A choice old English strain; free-blooming, in many pastel shades. **Mixed**. 3, 55c; doz., \$2.00.

Aquilegias (except noted): 3, 70c; doz., \$2.50.

ANTHEMIS Kelwayi (Hardy Marguerite). An excellent perennial for cutting; golden yellow, daisy-like flowers in profusion, nearly all summer. 3, 55c; doz., \$2.00.

—*Aizoon*. ◇ 6 inch. The pretty "Mountain Chamomile," with fine, silvery foliage and small, yellow flowers. 3 for 85c; doz., \$3.00.

ARABIS ◇ *alpina* (Rock Cress). Low growing plants especially suited to rockwork, flowering in small white terminal racemes. Bloom in May and continue a long time. 3, 55c; doz., \$2.00.

—*alpina fl. pl.* Same as the above, but with double white flowers. 3, 70c; doz., \$2.50.

—*alpina rosea*. Very dainty, with flowers of delicate light pink. 3, 70c; doz., \$2.50.

ARENARIA (Sandwort) ◇ *montana*. 4-inch. Close tufts, profusely covered in May with small silvery white "morning-glory" flowers. Makes a fine, formal edging plant, or as a filler among sunny rocks. 3, 70c; doz., \$2.50.

—*verna caespitosa*. The ideal green moss for stepping stones. Of beautiful texture and fast color, completely filling the cracks between stones in walk, wall or rockery. Tiny white flowers in early spring. 3, 70c; doz., \$2.50.

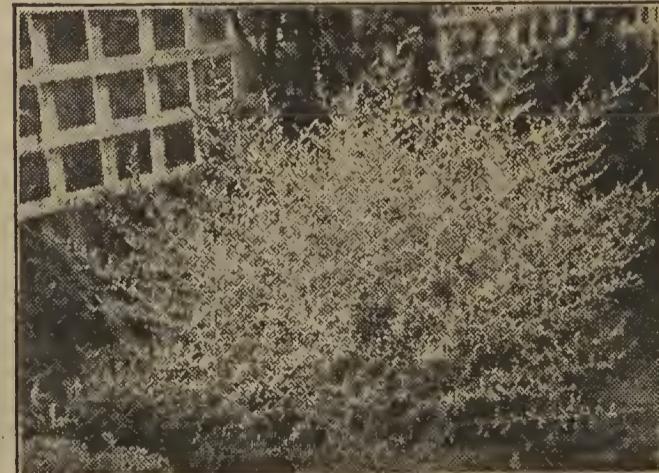
ARMERIA ◇ (Thrift; Sea Pink). Interesting small plants with rosettes of narrow evergreen leaves on the ground, from which arise many slender, naked stems crowned by a compactly round flower. Excellent rock plants, and useful in bordering walks or for any continuous low edging, blooming in early summer.

—*Laucheania*. About 8 inches; in liberal bloom from June to August; good sized globular flowers of rosy crimson.

—*maritima splendens* (Cushion Pink). 6 to 10 inches. Fine grassy, evergreen mounds, stems rigid, and little flower balls a deep coral-rose.

Both: 3, 70c; doz., \$2.50.

ARTEMISIA — **Silver King**. A beautiful "mist" for setting off bouquets and floral combinations. Vigorous, quick growing, with a close network of branches, fine stemmed and slender leaved. The opening leaf buds gleam like tiny beads, the entire color effect bright frosted silver. 3 feet, compact pyramids. 3, 70c; doz., \$2.50.



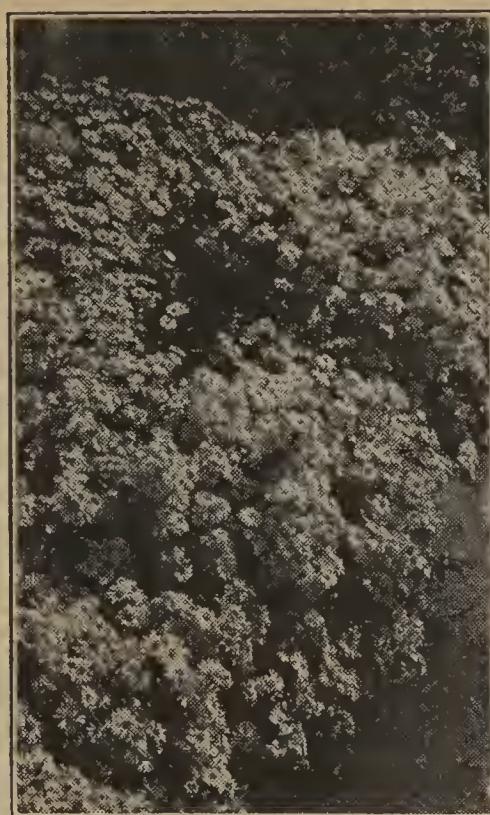
stems 3 to 4½ feet tall. 3, 70c; doz., \$2.50.

ASCLEPIAS *tuberosa* (Butterfly Flower). 2½ feet. A familiar field flower; the cultivated form making a delightful show of orange flowers during early summer. 3, 55c; doz., \$2.00.

—*lactiflora*. Deep green, cleft foliage and compact bush shape, attractive throughout the summer. During August and September the creamy white flowers, which resemble herbaceous Spireas and are sweetly scented, are borne in large terminal panicles on erect



Hardy Aster, Climax



New Dwarf Hybrid Asters



Astilbe



Bocconia "Plume Poppy"



Canterbury Bells

HARDY ASTERS

Abendrothe. 3 to 5 ft. Oct. Beautiful deep rose-pink.

Alpinus ◇ (5-10"). May and June. Short stemmed but large flowered; lavender-blue with orange-yellow disc.

Climax. (4'). Pyramidal clusters of light lavender-blue, with a prominent golden cone at center. Aug.-Oct.

Goliath ◇ (10"). Very large, perfect, thin-rayed flowers; bluish purple. May-June. 3, 85c; doz., \$3.00.

Mauve Cushion ◇ A Japanese dwarf, spreading thriftily into a round cushion 30 inches broad; in November literally covered with beautiful inch-wide, silvery mauve flowers.

Roseus Superbus. (4'). Profuse symmetrical bloom, brilliant rose-red.

St. Egwin. Rounded bush; covered by small dainty flowers of pastel pink.

White Climax. Like the blue type. Except noted: 3, 70c; doz., \$2.50.

New Hybrid

◇ Dwarf Border Asters ◇

Bloom profusely throughout September, with all-covering, large flowers.

Countess of Dudley. 9 in. Charming flowers of clear pink with yellow eye.

Lady Henry Maddocks. 1 ft. Solid, clear pale pink; very compact.

Nancy. 1 ft. A delightful show of flesh-pink flowers. Late.

Ronald. 1 ft. Brilliant lilac-pink, with rose-pink buds.

Snowsprite. 1 ft. Early. Smothered with large semi-double white flowers.

Victor. 8 inches. Early, dwarfest, very pretty; light lavender-blue.

3-inch pot plants—ready March 15th. 40c each; 3 for \$1.00; doz., \$3.00.

ASTILBE [Spirea]

Spreading plants. 2 to 3 feet high, with attractive foliage; during June and July throwing up long, plump wands of bloom.

America. The old reliable lilac-pink.

Amethyst. Deep violet-purple.

Betsy Cuperus. 5 feet growth; flower spikes 2 feet long with drooping wands, pure white with pink center.

Gladstone. 18 inches. Snow-white.

Gloria. Dark pink shaded lilac.

Granat. Dark crimson-red.

Peachblossom. Tender peach-pink.

Pink Pearl. Beautiful shell-pink.

Queen Alexandra. Bright pink. Each, 50c; 3, \$1.25; doz., \$4.50.

AUBRIETIA ◇ (Rock Cress).

—**graeca.** A fine mass of silver-green, in spring and early summer concealed by a sheet of light purple flowers. 3, 55c; doz., \$2.00.

—**Eyri.** Rosy lilac. 3, 70c; doz., \$2.50.

—**Leichtlini.** Dwarf, compact; bright pink flowers. 3, 55c; doz., \$2.00.

—**Large-Flowered Hybrids.** Various shades of color, and much larger flowers. 3, 70c; doz., \$2.50.

BAPTISIA ◇ australis (False Indigo). Deep blue racemes during June and July. 2 feet. 3, 55c; doz., \$2.00.

BOCCONIA cordata (Plume Poppy). (6-8 ft.). Immense flat, deeply indented leaves of silvery green on pearl-pink stalks. Flowers creamy white, produced in large upright panicles which persist. 25c each; 3 for 70c.

BOLTONIA. 5 feet, bushy plants with aster-like flowers for late summer.

—**asteroides.** White.

—**latisquama.** Pale lavender flowers. Both: 3 for 55c; doz., \$2.00.

CAMPANULA [Bellflower]

Carpatica ◇ (Carpathian Harebell). (8"). A pretty compact species. Flower bells 1 inch in diameter. **Blue or White.** 3, 55c; doz., \$2.00.

Calycanthema ("Cup and Saucer"). Single cup-shaped flowers 3 inches long, set in a saucer-like calyx. **Blue, Rose or White.** 3, 55c; doz., \$2.00.

Medium ("Canterbury Bells"). (2-3'). Its numerous branches crowded with deep bells, the edges softly rolled back and fluted. In July. **Blue, Rose or White.** 3, 55c; doz., \$2.00.

Mirabilis. (12"). Six-inch leaves deep toothed; 2-inch flowers pale lilac, erect, numerous. 3, 85c; doz., \$3.00.

Persicifolia ◇ (Peach Bells). 1½ to 2 ft. high; many, small salver-shaped flowers. **Blue or White.** 3, 55c; doz., \$2.00.

Pyramidalis (Chimney Bellflower). Very conspicuous, 4 to 5 feet high. Profuse salver-shaped flowers in September. **Blue.** 3, 70c; doz., \$2.50.

Raddeana. (12"). Flowers solitary in the axils, ¾ inch long, dark purple. 3, 85c; doz., \$3.00.

Rotundifolia ◇ (Bluebells of Scotland). 1 ft. Well set with nodding blue bells. June to August. 3, 70c; doz., \$2.50.

Sarmatica ◇. 16 inches. Pale blue bells on numerous stems. Low, spreading foliage, silvery gray. 3, 85c; doz., \$3.00.

Turbinata ◇. (6"). Close mats of foliage; smothering, large, cup-shaped blue bells. 3, 70c; doz., \$2.50.



Capt. Cook



Alice Howell



Cora Peck Buhl

Hardy Chrysanthemums

The following fine, rugged varieties assembled from various classes, have proven hardy throughout the middle west, with some protection, during winter. It is advisable to cut off the old tops to a few inches above the ground, then cover with old straw or leaves before winter sets in. The best blooms will result from annual transplanting, separating the year-old clumps into small divisions. We call your attention to several new varieties of special value and attractiveness, rather fully illustrated here and on page 37; also seven choice varieties grouped on color page C. (Opposite page 32).

Pink Cushion

The 'Mum with a Thousand Buds! The Earliest Blooming Pink 'Mum. Late August Until Frost.



Korean Hybrid—Apollo

NEW HYBRID KOREAN Chrysanthemums

This is a valuable new race of perennials introducing lovely pastel shades into October landscapes, with profuse single flowers. Height, 2 to 2½ ft.

Apollo The most profuse bloomer, the flowers 2 inches across. A sparkling combination of bronze, red and gold, suffused salmon.

Ceres Old gold blended with chamois-yellow; dusted with coppery bronze.

Daphne Flower 3½ inches across; a lovely daphne-pink with a sheen of lilac-rose, and prominent golden stamens.

Hebe Luminous pink maturing soft lavender-pink, the yellow center within a silvered halo.

Mars Deep amaranth-red with a velvety wine-red sheen. The latest.

Mercury Bronze-red changing to coppery bronze. 3-inch flowers; early, showy, long lasting as a cut flower.

Orion Brilliant canary-yellow; clean-cut, raylike; erect sprays.

Vulcan Glowing carmine, maturing to garnet, and finally to bronze-red; double rayed, around a golden center. 25c each; 3 for 70c; doz., \$2.50.

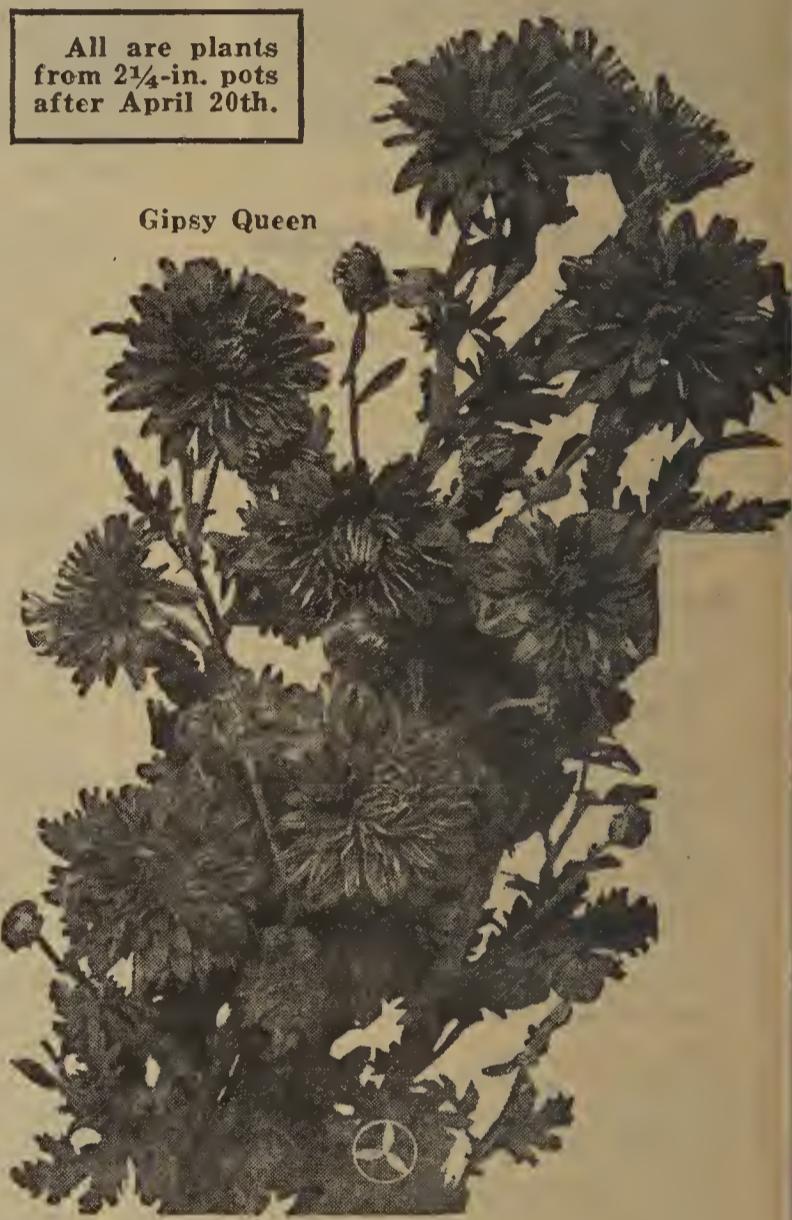
THE SET One of Each, for **\$1.80**

The widest, densest, showiest mass of bloom—18 inches high by 24 to 30 inches across when fully developed. A normal "cushion" will produce a thousand or more buds and 2-inch Aster flowers. Beautiful as specimen mounds; thrilling as a lineal edging; magnificent in mass formation. Imagine the breath-taking effect of a smooth hillside carpeted with Pink Cushion bloom! The intermingling of deep rose buds with successive stages of tender lilac, blush-white, ivory and gold; is unmatched for appealing beauty by any other flowering plant. A specimen plant is illustrated on color page C, and it is "Pink Cushion" first visible through the garden arch on page 33.

40c each; 3 for 95c; doz., \$3.50; 100, \$25.00.

All are plants from 2¼-in. pots after April 20th.

Gipsy Queen



CHRYSANTHEMUM arcticum
CHRYSANTHEMUM maximum
("Shasta Daisy"), included below:

WHITE DAISIES From May to October

May-Flowering (Hartje & Elder's strain). Begins to bloom early in May so that its beautiful large sized flowers are available for Memorial Day continuing with liberal production most of the summer. Its rounded clump of varnished leaves remains until snowfall. 3, 55c; doz., \$2.00.

Hall's Chiffon Fluffy, like shaggy Asters all summer and fall. Protect heavily for winter; or pot. 3, 70c; doz., \$2.50.

King Edward VII. An English strain, supplanting our American "Shasta Daisy." 3, 40c; doz., \$1.50.

Arctic Daisy (Chrysanthemum arcticum). Long before the flowers appear, its 8- to 10-inch clumps—veritable rosettes of very dark, shiny foliage—have been well worth while. From September into November, 2½ inch flowers pure white with golden center, or fitfully tinged pale rose. 3, 55c; doz., \$2.00.

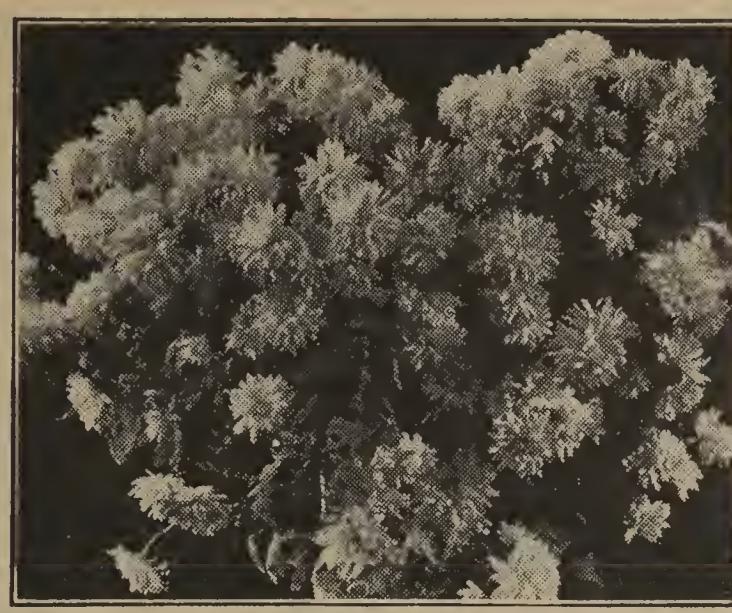
THE SET One of Each, for **75c**



Shasta Daisies



Boston Bronze



Petit Louis



Jean Treadway

Chrysanthemum

Novelties

Except **25c** 25c each; 3 for 70c;
noted: **25c** \$2.50 per doz., postpaid.

Aladdin (2½-3 in.). "The Everblooming 'Mum". A tall, much-branched plant; the first terminal flowers in July or August; uninterrupted until frosts. The distinct, delightful color is polished bronze, overlaid with a suffusion of damask rose and a warm light red. (See color page C). 30c each; 3 for 80c; doz., \$3.00.

Barbara Cumming (1¾ in.). A fascinating tight-clustered variety; the dominant center a gold-tipped, shiny bronze, flushed apricot; the marginal petals a lilac-tinged white. Sept.

Crimson Splendor (4 in.). A great, shaggy single flower; crimson-maroon with a gleaming golden eye. Sept. (Color page C).

Dazzler (2½ in.). A showy October single; with wide rays of orange-red flaming away from the yellow eye.

Jean Cumming (2-3 in.). A lovely new Aster-type, with pastel finish. Blush with crested soft yellow center, eventually all white. Sept.

Jean Treadway (2-3 in.). Tender lilac subdued by white; the tufted center a rich old-rose. Sept.

Peggy Ann Hoover (5 in.). A three-weeks cut flower. Many long, flaring, distended needles; clear orchid, fading to white at base and at the tiny calla-like tips. Oct.

Persia (2-3 in.). Semi-double, irregular petalage. Deep rosy carmine about a yellow eye; a central fringe incurving to show flashes of silver. Oct.

Tasiva (3 in.). An exquisite, very early white "cushion". In September, the broad mound becomes suddenly smoothed in creamy buds, which day-by-day unfold into luscious, fluffy flowers—purest white with a soft canary breast.

20c GARDEN 'MUMS—GENERAL COLLECTION

PRICE: 20c each; 3 for 55c; doz., \$2.00, postpaid.

Adirondack (1½ in.). Thickly clustered, dense; a striking scrambled effect with bronze, red and orange-pink. Sept.

Alice Howell (2½ in.). A superb irregular single; yellow overlaid blood-orange. Very free; early.

Boston Bronze (2½-3 in.). Compactly incurved with dense center; warm amber-bronze with gilded tips.

Bright Eyes (¾ in.). Blush-pink, with a vivid eye of amaranth-red above cream.

Brune Poitevine (2-3 in.). The richest red. Wide, wavy petals of mahogany-red; the under side, tips and center flecked with bronze. Sept. (Illustrated on Color page C.)

Button Yellow (1½ in.). True button type; strong copper-yellow. Oct.

Capt. Cook (1½ in.). Taller than most; solid lilaceous pink, the tight center amber tipped. Oct.

Cora Peck Buhl (1¾ in.). Very full, compact flowers; deep gold with amber shading. Oct.

Excelsior (2 in.). Rich golden yellow of delicious softness; compact, in alluring clusters. Oct.

Gipsy Queen (2 in.). Fat amaranth buds opening to Indian red; the semi-quilled collar lined bronze. Oct.

Glory of Seven Oaks. A 3-inch decorative. Earliest yellow, usually starting in July; rich golden yellow.

Little Red Foot (5/8-¾ in.). Loose panicles of perfect buttons; red-mahogany around a tight dark center.

Marie Antoinette. 3-inch globe; a warm, deep rose-pink.

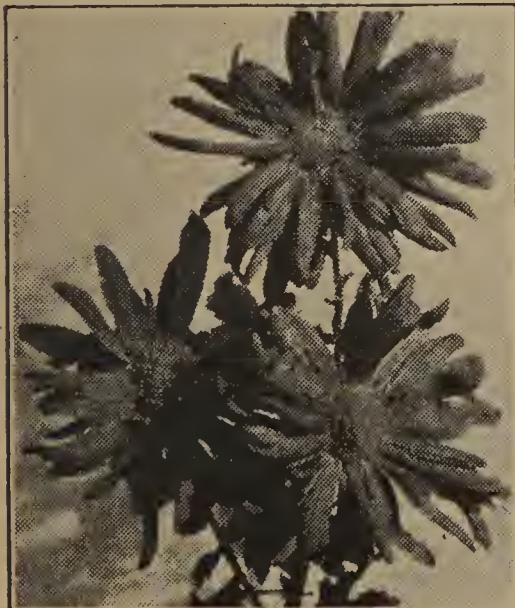
Mitzie (¾ in.). Very free-blooming; dainty little buttons. Golden yellow with maroon-red eye. Early Oct.

SPECIAL OFFER

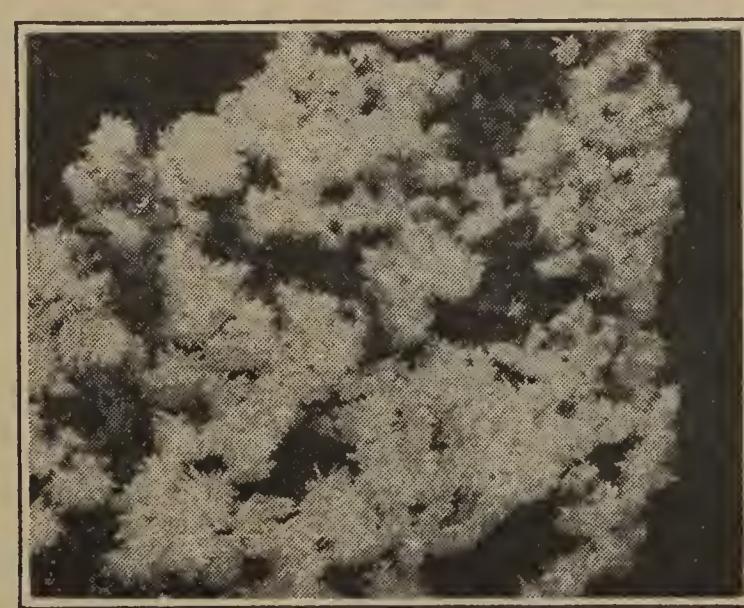
Hardy 'Mums,
(our selection
of six kinds)

\$1.00

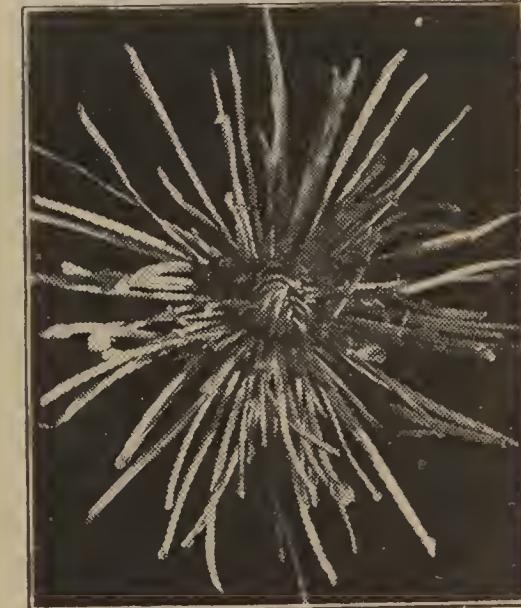
6



Persia



Tasiva—The Lovely "White Cushion"



Peggy Ann Hoover



Centaurea Montana



Cerastium Tomentosum



Coreopsis



Centaurea Macrocephala



Hardy Harvard Carnation



Cimicifuga

CALAMINTHA ♦ *alpina*. 6 inches. Dwarf, twiggy, savory herb; useful in wall and rock gardens, with pretty purple spikes of mintlike flowers in June. 3, 55c; doz., \$2.00.

CATANANCHE ♦ *caerulea* (Cupid's Dart). 2 feet. Long, stiff flower stems, the ends crowned by blue flowers resembling Bachelor's Button. July, August. 3, 55c; doz., \$2.00.



Corydalis

HARDY CARNATIONS

Crimson King A true Carnation, yet sufficiently hardy to plant outdoors with other perennials, if lightly protected. Blooms prodigiously during about 5 months, June to November, with splendid double flowers 1½ to 2½ inches across, on stems 12 inches or more in length. The color is a rich, bright crimson-red; the spicy carnation fragrance very pleasing. Each, 25c; 3, 70c; doz., \$2.50.

Hardy Harvard

Absolutely Hardy!
S. & H. '35 Introduction. (See Color Page B).

Of English origin. Similar to the American developed "Crimson King"; but much hardier, with more velvet in its crimson color, more perfect double petalage, and a dignified demeanor unmatched among the more transient garden flowers. We have named it "HARDY HARVARD"—in honor of its crimson color, its stability, and its distinctiveness. 40c each; 3 for \$1.00; doz. for \$3.50.

CHEIRANTHUS ♦ *Allioni* (Siberian Wallflower). A showy 12-inch rockery plant, ablaze all summer with close panicles of intensely bright orange flowers. Hardy biennial, renewing itself by seedling. It is safer to engage fresh plants every year, self-renewal being uncertain. 3, 55c; doz., \$2.00.

CHELONE *Lyoni* (Shellflower). A 2-foot border plant of grace and dignity. Numerous flower spikes of considerable bulk during late summer and fall; showy purplish red. 3, 70c; doz., \$2.50.

CHRYSANTHEMUM. Pages 36, 37.

CIMICIFUGA *racemosa* (Snakeroot). Good heavy foliage, with many 4-foot swaying flower spikes during July and August. The terminal flowers are small but in good sized clusters; pure white. Displayed to advantage as a background, or as punctuations among the undergrowth of woodlands. 3, 55c; doz., \$2.00.

CORYDALIS *cheilanthifolia*. Fern-like foliage; yellow flowers in 10-inch spikes. Good rock or border plant. 3, 70c; doz., \$2.50.

COREOPSIS *lanceolata grandiflora*. 18 to 24 inches. The 2-inch, single terminal flowers are rich golden yellow, borne in great profusion nearly the entire summer on slender, wiry, upright stems. 3, 55c; doz., \$2.00.

Auriculata. 18 inch. All-summer bloom; large flowers of deep, gilded orange. 3 for 70c; doz., \$2.50.

Auricula Superba. Deep yellow, enriched by a reddish band about the eye. Quite showy. 3 for 70c; doz., \$2.50.

Mayfield Giant. 30 inch. A new Australian variety improving all solid yellow types. The plants are more robust, firm cutting stems longer, and flowers larger with broad petals. 3 for 70c; doz., \$2.50.

DAISY. The late white "Arctic Daisy," the midsummer "Shasta Daisy," and the early spring "May flowering Daisy" listed under Chrysanthemums, page 36.

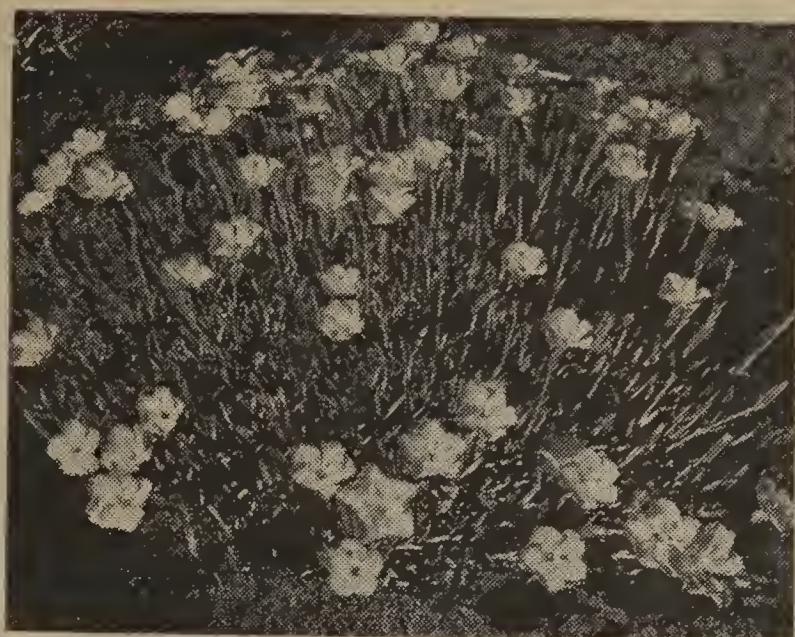
"Paris Daisies" or Marguerites are listed under House Plants. "Painted Daisies" are Pyrethrums, see page 47.



Wrexham H-H Delphinium

DELPHINIUM [Larkspur]

There is no family of perennials more in the public mind today or showing greater improvements, than Delphiniums. When Delphiniums bloom, from June till frost, their long, showy flower spikes protrude to a height of 3 to 4 feet, so that the plants belong in the background of perennial groups, or in the foreground between shrubs.



New Dianthus, "Rose Cushion"

Tall Larkspurs

Belladonna A magnificent sort with large spikes of the most delicate turquoise-blue.

Bellamosa Very dark blue variety, strikingly contrastive.

Both:

1-yr., 3, 55c; doz., \$2.00; 100, \$12.00.
2-yr., 3, 70c; doz., \$2.50; 100, \$15.00.

S. & H. Supreme Hybrids

An assemblage of thrifty 1-yr. plants, grown from selected English seed (chiefly Blackmore & Langdon's), with a small per cent added from prominent American strains. Mixed only: 3, 70c; doz., \$2.50.

Wrexham Hollyhock Strain

Under English conditions and cultivation, this highly developed strain attains 4 to 6 feet and produces flower heads of abnormal length and thickness; but American growers cannot expect quite so much. The most distinguished feature is the great size of the florets, and their peculiar setting along the spike, so like the Hollyhock. We offer strong, 2-year, field-grown plants raised from choicest imported Wrexham seed.

3, 70c; doz., \$2.50; 100, \$15.00.

1937 SPECIAL: 2½-inch pot plants, thrifty, well-rooted; from fresh crop imported English seed. Transplanted into good soil, and favored by good growing conditions, this product makes remarkable development, with highly satisfactory flower spikes the first season.

3, 40c; doz., \$1.50; 100, \$10.00.

HYBRIDS

Blue Grotto. A charming, brilliant solid blue derived from Bellamosa.

3, \$1.00; doz., \$3.00.

Iceberg. 4 feet. Stocky flower spikes, pure white, a rare color segregation.

3, 85c; doz., \$2.75.

DWARF LARKSPUR

Chinense. Contrary to character of the foregoing, this type is short and slender in growth, 15 to 18 inches, very desirable for low bedding and borders; good size flowers. **Blue**—a very deep purplish blue; or **white**.

3, 55c; doz., \$2.50.

DICENTRA ◊ Bleeding Heart.

Eximia (Plumy Bleeding Heart). 15 inches. Compound racemes of deep rose, the heart-shaped flowers tapering to a long slender neck. The fine-cut celery-green foliage makes a lacy mound of striking ornamental value; short-stemmed bloom always in evidence from early spring into fall.

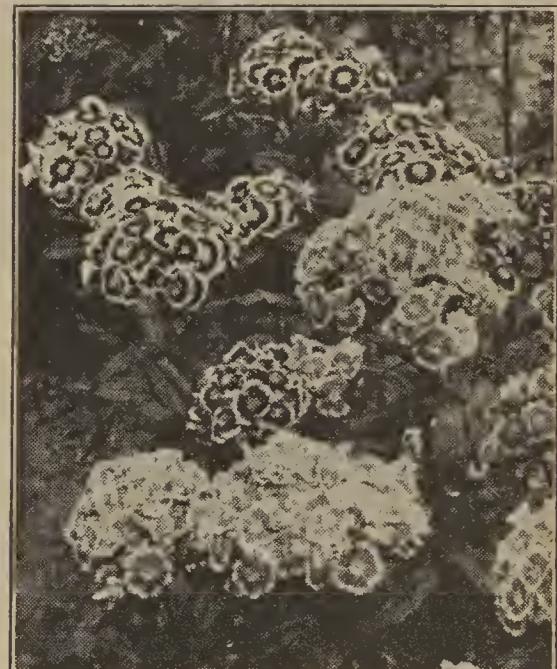
Each, 25c; 3, 70c; doz., \$2.50.

Spectabilis. 2 feet. One of the most delightful of all the early spring-flowering plants, bearing numerous rosy red heart-shaped flowers. (See illustration on color page B).

Each, 40c; 3, \$1.00; doz., \$3.50.



Dianthus Deltoides
—The Dainty Spring
"Maiden Pink"



Sweet William

DIANTHUS ◊ Hardy Pink.

Short, dense growth, glaucous, grassy foliage, and fragrant flowers.

Alpinus Allwoodii 6-inch; just right for rockery. Shades of rose and pink. July and August. 3, 70c; doz., \$2.50.

Barbatus (Sweet William). Beautifully marked, in broad compact trusses of single flowers like Phlox. **Blood Red, Giant White, Newport Pink and Scarlet Beauty.**

3, 55c; doz., \$2.00.

Deltoides (Maiden Pink). 18 inches. A charming slender-stemmed type, foliage prostrate; mass of small pink flowers, carmine to light coral. May and June. 3, 70c; doz., \$2.50.

Plumarius semperflorens mixed. Noted for spicy fragrance and rich coloring, with long cutting stems.

3, 55c; doz., \$2.00.

HYBRID PINKS

Beatrix 18 inches. Constantly in bloom from June on, flowers are double, very free, soft salmon-pink, good for 2 weeks when cut.

Furst Bismarck In constant bloom all summer. An even rose-pink.

Her Majesty Large flowers, spicily fragrant. Pure white.

Highland Queen Most brilliant of all; lustrous vermilion-scarlet. May-Nov.

Robert Clove-scented, long-stemmed, tinted white; maroon-red center.

Five above: 3, 70c; doz., \$2.50.

Rose Cushion (New). A low, dense cushion effect, gay with erect rose-colored bloom in May; the foliage attractive all summer and still evergreen throughout the winter. 3, 85c; doz., \$3.00.



Plumy Bleeding Heart (Page 39)



Foxglove

DICTAMNUS (Gas Plant). Dark ashlike foliage of pleasing fragrance; of shrubby, bushy growth 2 to 3 feet high, extreme long life. Flowers in upright racemes.

—**Rubra.** Rose-red flowers.

—**Alba.** Very striking; pure white.

Each, 25c; 3, 70c; doz., \$2.50.

DIGITALIS (Foxglove)

Ambigua. 2 to 3 feet. Flowers yellow, marked with brown.

Giant Shirley Foxgloves. 6 to 7 feet high, with flower heads 3 feet or more long, crowded with big bell-shaped florets. Colors range from white and shell-pink to deepest rose, dotted with crimson and chocolate. **Mixed.**

Gloxiniaeflora. Thimble-shaped flowers in immense spikes. Separate colors: **White, Rose, Purple, or Mixed.**

All: 3, 70c; doz., \$2.50.



Doronicum Excelsum

DORONICUM ◊ **excelsum** (Leopard's Bane). A superb cut flower for May and June, the perfect rayed Daisy flowers, a brilliant canary-yellow, 3 inches wide. Blooming plants average 2 feet in height and stool heavily. Each, 30c; 3, 85c; doz., \$3.00.

ECHINOPS ritro (Globe Thistle). 2 to 3 feet. Thistle-like plants with globular heads of deep metallic blue. Each, 25c; 3, 70c; doz., \$2.50.

EDELWEISS ◊ (Leontopodium alpinum). A splendid, typical Alpine plant, 4 to 6 inches; small yellow flowers, June to August, surrounded by starlike heads of leaves clothed with a dense white woolly substance. 3, 70c; doz., \$2.50.

ERIGERON speciosus. 2 feet. June and July. Very large, terminal, aster-like flowers, of considerable gardening value and excellent for cutting. The slender rays are perfectly aligned, a brilliant blue slightly overcast violet, streaking away from a button center of gold. 3, 70c; doz., \$2.50.

—**Grandiflora elatior.** Large flowers, rich purple. 3, 85c; doz., \$3.00.

ERYNGIUM amethystinum (Sea Holly). A highly ornamental plant growing 2 to 3 feet high, with hard, angular stalks; fine cut, spiny foliage. The true blue thistle, stems and bracts a glistening amethyst-blue. 25c each; 3, 70c; doz., \$2.50.

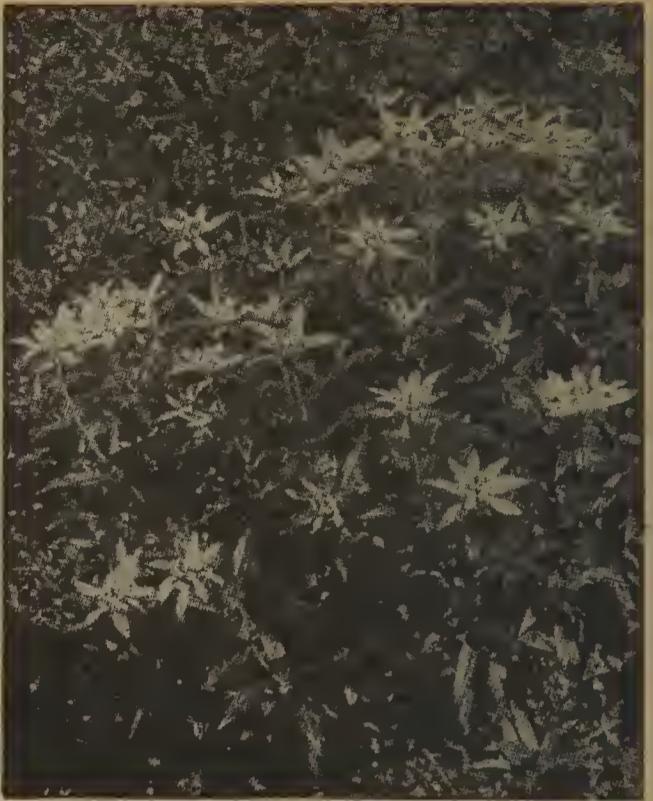
EUPATORIUM coelestinum. All-covering cymes of pretty purplish blue ageratum-like flowers good for cutting. 2 feet. August to October. 3, 70c; doz., \$2.50.

EUPHORBIA

Corollata (Flowering Spurge). 2 feet. A branched, low growing plant with fine stems and foliage, literally covered from June to August with loose umbels of pretty white flowers. Good for cutting in long mist sprays. 3, 55c; doz., \$2.00.

Myrsinites ◊. Small, creeping plants of striking beauty, when protruding from wall pockets; or on the garden level, when the upright growth forms close ranks of 6-inch stems, covered with fleshy, oblong, concave pointed blue leaves in close spirals; the spring flowers yellow in crowded umbels. 3, 70c; doz., \$2.50.

Polychroma ◊. 1 foot. Attractive hemispheres of many stems clothed with dark green, oblong leaves. Yellow flowers May and June, in 5-rayed umbels which snuggle into a whorl of leaves, also yellow tinged. 3, 85c; doz., \$3.00.



Edelweiss

HARDY FERNS ◊

Fine subjects to tuck here and there against shady side foundations.

ADIANTUM pedatum (Maidenhair). Airy poise and delicate frond texture.

ASPIDIUM acrostichoides (Christmas Fern). 15 inches. "An evergreen fern," best in shady location, deep green fronds.

ASPIDIUM marginale (Evergreen Wood Fern). 18 inches. Fronds light green, 3 to 4 inches wide.

ASPIDIUM spinulosum (Shield Fern). Finely dissected leaves.

ONOCLEA struthiopteris (Ostrich Fern). 3½ feet. Very stately, likes partial shade and moisture, but does well in a dry location.

Price: 3, 55c; doz., \$2.00.
★ One each of the five varieties for \$1.00.

FUNKIA (Day Lily)

Thick-leaved, substantial plants valued even more for their foliage than for their flowers. They are also adaptable to a shady location.



Funkia Alba

—**subcordata**
alba (White Day Lily). Gracefully arching, very broad heart-shaped leaves of light green, with noticeable ribs. Prominent flowers in August; waxy white long tubes with flaring bells, pendant like Lilies, in whorled racemes, sweetly fragrant. Popular for low, narrow foundation planting along the east or north sides. 3, \$1.00; doz., \$3.50.

—**undulata variegata** ◊. The leaves are broad and definitely fluted, pale green with a broad white central band and varying streaks; the flower stems just long enough to clear the foliage clumps; small pendent blue florets in loose racemes. 12 to 18 inches. 3, 70c; doz., \$2.50; 100, \$15.00.



Zebra Grass



Geum, Mrs. Bradshaw

HARDY GRASSES

EULALIA. Very useful as solitary clumps, or as 4- to 5-ft. backgrounds.
—*gracillima univittata* (Japan Rush). Narrow green leaves.
—*japonica variegata*. Long, narrow leaves, striped white.
—*zebrina* (Zebra Grass). Conspicuous variegation of horizontal, creamy white bars. 3 for 85c; doz., \$3.00.

ELYMUS glaucus (Blue Lyme Grass). 2½ to 3 feet, the narrow silvery blue leaves arching to the ground.

ERIANTHUS ravenneae (Plume Grass). 8 feet. Resembles the hardy Pampas, but is more refined. The silvery plumes are massive, often 3 feet long. Each, 45c; 3, \$1.20; doz., \$3.50.

FESTUCA glauca (Blue Fescue). 12 inches. Just grass, but delightful as it grows in narrow-leaved dense tufts, a pretty bright blue.

PHALARIS arundinacea var. 2 ft. (Ribbon Grass). Broad leaves striped lengthwise with cream.

Except as noted: 3, 55c; doz., \$2.00.

GYPSOPHILA (Baby's Breath)

Bristol Fairy A sensational new development of the double flowered Gypsophila, a very valuable cutting subject, with much larger florets in fuller panicles; the blooming season naturally longer, and possible of continuous all-summer show if earlier bloom is removed. Pure white. 2-year field grown.

Each: 40c; 3, \$1.10; doz., \$4.00.

Paniculata (Baby's Breath). A branching fine-stemmed 2- to 3-ft. mound. During July a fleecy white mass largely used for mixing with high-colored flowers. 3, 55c; doz., \$2.00.

Repens. A beautiful trailing plant for the rockery, with clouds of small white flowers in July and August. 3, 70c; doz., \$2.50.

Repens Rosea. Pink flowers. 3, 70c; doz., \$2.50.

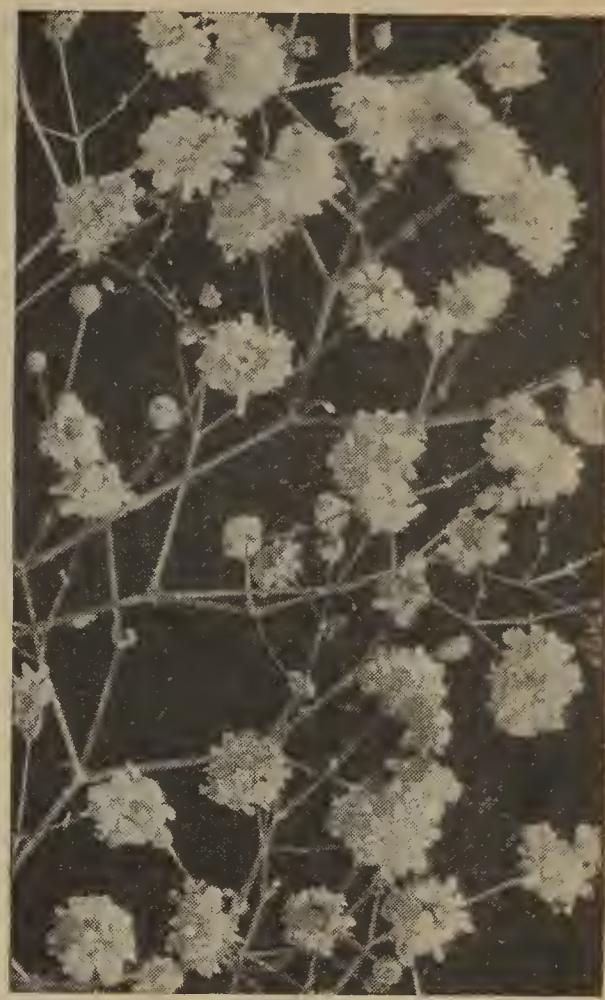
GAILLARDIA grandiflora. 2 feet. Unfailing supply of summer bloom. 3-inch flowers, a hard center of deep maroon is thickly bordered by petals of orange and yellow, ringed by circles of crimson, red and maroon. 3, 55c; doz., \$2.00.

Dazzler. A new form with very large flowers of golden yellow, with a brilliantly contrasting center of rich maroon. 3, 85c; doz., \$3.00.

Portola Hybrids. 2½ to 3 feet. A new type of vigorous growth and flower production. Flowers extra large brilliant coppery scarlet rimmed in gold. 3, 70c; doz., \$2.50.

Tangerine. (New). Showy, compact flowers, a rich tangerine-orange color. 3, 85c; doz., \$3.00.

GERANIUM sanguineum. 2 feet. For naturalistic locations in the shade. Small geranium foliage; flowers single in small clusters, very light purple. 3, 70c; doz., \$2.50.



Gypsophila, "Bristol Fairy"



Helenium, Riverton Gem



Helianthus Multiflorus Plenus

GEUM. 1½ feet. Brilliant, beautifully ruffled double flowers resembling Carnations, on long, slender upright stems. June to September.

—*Borisii*. (New). Neat foliage tufts.

Much branched; vivid orange-scarlet.

—*Heldreichi* (New). Very large flowers; rich, flashing orange.

Both: 3, \$1.00; doz., \$3.50.

—*Lady Stratheven*. Golden yellow.

—*Mrs. Bradshaw*. Crimson-scarlet.

Both: 3, 85c; doz., \$3.00.

HELENIUM—Riverton Gem. 3-5 ft. Old gold gradually changing in streaks to wallflower-red; the warm, rich shades of autumn.

3, 70c; doz., \$2.50.

HELIANTHUS multiflorus plenus (Hardy Sunflower). 4 feet. Double like the decorative dahlias, bright yellow. 3, 70c; doz., \$2.50.

HELIANTHEMUM *mutable* (Fickle Sunrose). Of procumbent shrubby character, about 12 inches high, the young growth stiffly erect. Abundant inch-wide flowers in July.

—*Mixed colors*. 3, 65c; doz., \$2.25.

—*Buttercup*. Bright yellow.

—*Fireball*. Orange-flame.

Both: 3, 70c; doz., \$2.50.

HELICHRYSUM angustifolium. (Hardy Strawflower). Attractive white permanent flowers. 3, 70c; doz., \$2.50.

HELIOPSIS (Orange Sunflower).—*Excelsa*. 3 feet. Dwarf type of Helianthus. Chrome-yellow. July and August. 3, 55c; doz., \$2.00.

—*Zinniaeflora*. Like Zinnia flowers; clear yellow. 3, 70c; doz., \$2.50.

HELLEBORUS niger (Christmas Rose). 12 inches. Beautiful, waxy, 2-inch flowers during February or March; white, flushed purple. Plant in sheltered, well drained, partially shaded spot. Each, 50c; 3, \$1.40.

HEMEROCALLIS. (See page 42.)

HEPATICA triloba (Liver Leaf). 4 inches. Thick leaves, light blue flowers in spring. Prefers shade. 3, 40c; doz., \$1.50.

HESPERIS matronalis (Sweet Rocket). 3 to 4 feet. Pink flowers in June and July. 3, 55c; doz., \$2.00.

HEUCHERA *coralliflora* (Coralbells). Dainty, leaves round, scalloped and purple tinged, in low tufts. The beautiful flowers are in terminal panicles on slender upright stems.

—*brizoides*. 18 to 24 inches. May and June; light pink.

—*Pluie de Feu*. Gracefully loose panicles, very free; fiery red.

—*sanguinea*. 12 to 18 inches. June to September; coral-red.

All: 3, 70c; doz., \$2.50.

HIBISCUS (Mallow). Large fall flowers like single Hollyhocks. Very showy. Red, Pink, White, or Mixed:

3, 70c; doz., \$2.50.



Hemerocallis Flava

HEMEROCALLIS (Day Lily)

Flava. (Lemon Lily). 3 feet. June; delightfully fragrant.
Florham. 3½ feet. June and July; golden, tinged a dusky Indian yellow.
Kwanso fl. pl. (Double Orange Lily). Deep copper with reddish spots.
Thunbergi. 4 ft. July; buttercup-yellow.
 All above: 3, 65c; doz., \$2.25.

CHOICE NOVELTIES

Anna Betscher. 2 feet. July, August; golden yellow.
Bay State. 3 feet. July; deep yellow.
Dr. Regel. 18 inches. May; rich chrome-yellow.
Goldeni. 30 inches. July; orange to gold center.
Gypsy. 3 feet. July; orange and red.
H. D. Wyman. 4 ft. July; deep orange.
J. A. Crawford. 4 feet. Late June. Rich apricot, shaded light cadmium-yellow. Long season.
Lemonia. 4½ feet. About July 1st. Delicate lemon-yellow; very large and shaped like a Japanese Iris.
Modesty. Varying height and flower size; very free, on slender stems; clear, pale yellow. Late July.
Mrs. W. H. Wyman. 3 feet. August; light lemon-yellow.
The Gem. 3 feet. June, July; deep yellow-apricot.
 Each, 75c; 3, \$2.00; doz., \$7.50.

HOLLYHOCKS

This stately old plant is truly "King of the Garden." Hollyhocks inject so much of color and life and picturesqueness into tall backgrounds with their gorgeous, densely-set pillars ranging in height from 4 to 7 feet, ablaze throughout the summer.

Double Flowered Large rosettes of paper-like tissue, very compactly layered. Separate colors: Scarlet, Cream, White, Purple or Pink.

Single Flowered "Allegheny" or Mammoth. Fringed. Tall; very large fringed flowers. Mixed.

Anemone Flowered The New English "Imperator." Magnificent Anemone flowers in many pastel combinations.
 All: 3, 55c; doz., \$2.00.

IBERIS (Hardy Candytuft). Dwarf with handsome dark evergreen foliage, when in bloom a covering sheet of substantial flowers. 12 inches.



Hardy Candytuft



S. & H. Double Hollyhocks

IBERIS

—**gibraltarica.** Delicate lilac flowers. May and June. 3, 55c; doz., \$2.00.
 —**semperflorens.** Pure white flowers, fragrant, in early spring; the plant compactly spreading. 3, 70c; doz., \$2.50.

INULA (Royleana). 2 feet. Flowers large, daisy-like, petals separated; orange-yellow, with conspicuous black buds. 3, 70c; doz., \$2.50.

IRIS. (See page 43.)

LATHYRUS latifolius (Hardy Perennial Pea). A rampant climbing, clinging perennial, with numerous dense clusters of scentless Pea flowers. **Pink or White.** 3, 70c; doz., \$2.50.

LAVANDULA vera (Sweet Lavender). 18 inches. July and August. Sweetly fragrant spikes of little blue flowers. 3, 55c; doz., \$2.00.

Munstead Strain. 1 foot. May-June. Clear lavender. 3, 70c; doz., \$2.50.

LEWISIA (Howelli). Fleshy, ovate evergreen leaves in a rosette. Cymes of half-inch, deep rose flowers. Each, 35c; 3, \$1.00; doz., \$3.50.

LIATRIS. Showy, slender with erect flower stems foliated like Lilies.

—**pycnostachya** (Blazing Star). 4 to 5 feet. Feathery spikes of rosy purple, about 18 inches long. July-Aug. (Color page B).

—**scariosa.** 3 to 4 feet. Deepest purple in color, with long but interrupted racemes. August-September.
 Both: 3, 70c; doz., \$2.50.

LILY-OF-THE-VALLEY and **LILIES.** See page 58.

LINARIA (Creeping herbaceous perennials, small-leaved with tiny flowers; dense, refined ground cover for semi-shade in moist soil).

—**Aquitriloba.** Flowers pale mauve with reddish purple throat.

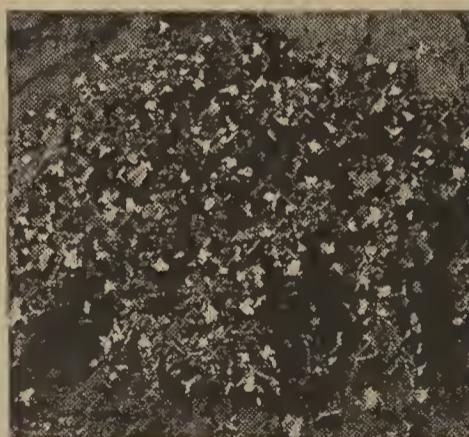
—**Cymbalaria** (Kenilworth Ivy). Flowers ½ inch long, lilac-blue.

—**Pilosa.** Flowers lavender with yellowish throat; leaves pubescent.
 3, 70c; doz., \$2.50.

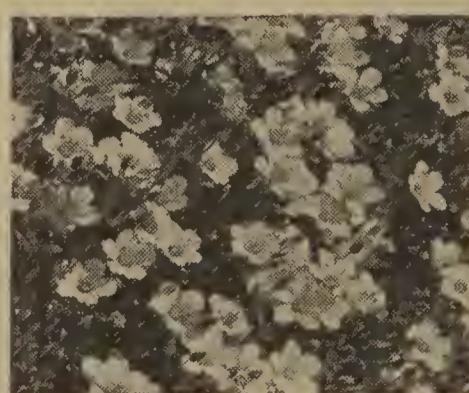
LINUM perenne (Blue Flax). The plant bushes up evenly about 24 to 30 inches with feathery, glaucous foliage; the surface spangled with perfectly round, flat, solitary, azure-blue flowers from May to August. A fresh crop with each morning's dew. 3, 55c; doz., \$2.00.



Liatris Scariosa



Kenilworth Ivy



Blue Flax



At left is
German Iris
"Her Majesty"

IRIS

Iris are used for garden clumps; for borders in solid rows or evenly spaced groups; in the foreground of shrubbery groups, and to some extent in narrow spaces against the foundation — as much for foliage as bloom.

PRICES, POSTPAID		
Each	3	Doz.
15c varieties	\$0.40	\$1.35
25c "	.60	2.00
30c "	.75	2.50
35c "	.90	3.00

German Iris *IRIS FLEUR-DE-LIS*

Early bloom, May and June, massive, fragrant.

Alcazar 8.6. Very large, broad petals. Lilac-blue with bronze throat; falls violet-purple. 15c.

Ambassadeur 9.2. The standards are a murky bronze effect, combining yellow with hyssop-violet. The broad falls are velvety, rich carmine-purple. 15c.

Asia 9.3. Late blooming; fragrance of cinnamon. Standards massive, silvered lavender above a golden base; falls pale reddish purple with lighter clouding. 30c.

Ballerine 9.0. An attractive new variety of medium blue effect, quite fragrant. S. light blue-violet with waved margins; F. deep shaded. Tall, stocky. 30c.

Caprice 7.1. Flowers large and rounded, claret or rosy lilac, darker in the falls; fragrance of grapes. 15c.

Gold Imperial 8.6. A new all-over yellow; uniform lemon-chrome, with orange beard. 25c.

Her Majesty White, strongly suffused pink towards the edges and veined crimson. 25c.

Isoline 8.3. A parti-colored variety; standards pale, pinkish buff flushed with mauve; the sharply reflexed falls Chinese violet with russet tints at edges. 15c.

Lord of June 8.8. A very tall, full-headed variety; practically solid light blue-violet. 15c.

Ma-Mie A dainty variety; S. pure waxy white with lavender frills; F. white, penciled and margined porcelain-blue. 25c.

Queen Caterina 8.8. A one-color Iris; azure-lilac with silvery coating. 15c.

Seminole 8.3. The best red Iris. S. dark violet-rose; F. rich velvety crimson. 30c.

Sherwin-Wright 7.7. Solid buttercup-yellow. Short and stocky, but brilliant. 15c.

Souv. de Mme. Gaudichau 9.1. A beautiful violet-blue in the overlapping standards; the drooping falls very dark and velvety in midnight purple; extra large. 30c.

Susan Bliss 8.5. Exquisite flowers, deep rose-pink with light orange beard. 25c.

Violacea Grandiflora 8.0. Among the latest and most or old. Flowers are large and graceful, sweetly fragrant, a beautiful deep lavender-blue. 25c.

White Knight That rare type, a perfectly unblemished snow-white. 30c.

Zua (Intermedia). Soft blue-gray, fragrant; texture of crepe paper. 15c.

Siberian Iris *IRIS SIBIRICA*

Compact; with narrow grassy foliage and slender, upright stems; furnishing a prodigious amount of medium sized flowers between the German and Japan sections.

Orientalis. Violet-blue, the bud enclosed in crimson spathe valves. 15c.

Ferry's Blue. Tall; pure sky-blue. 15c.

Snow Queen. Ivory-white. 3 feet. 15c.

THE SET
One Each
(3) 40c

Dwarf Iris *IRIS PUMILA*

Low-growing, useful as a low mass bedder for earliest (April-May) bloom, and for distribution in rockeries.

Atroviolacea. Violet-mauve with maroon-red veining.

Cristata. Tiny plants; crested pale lilac flowers.

Cyanea. Violet-purple.

Excelsa. Pale canary-yellow.

Orange Queen. Rich orange.

The Bride. Blush-white.

Each, 20c; 3, 55c; doz., \$2.00.

THE SET
One Each
(6 roots)

95c

S&H JAPANESE IRIS *IRIS KAEMPFERI*

Their flowers are generally rather flat and wide, often measuring 10 to 12 inches across, appearing in great profusion during June and July after the Germans are through. Give good, rich light soil, plenty of water, and frequent cultivation.

Gekka-no-nami (Waves Under Moonlight). Earliest to bloom, and very free. Glistening white with creamy white stigmas. 25c.

Koki-no-Iro (Purple and Gold). Enormous double flowers often 10 inches across. Color, rich violet-purple with white petaloids tipped violet; a golden throat with bluish white rays. 25c.

Mahogany Large, double flowers, among the latest to bloom. Velvet toned, deep mahogany-red; the erect petaloids prettily crested. 35c.

Moniji-no-taki (Maple Waterfall). Bright rosy crimson, beautifully feathered in white. Petaloid-stigmas white, purple crested. 35c each.

Norma The most nearly solid pink we know. A deep pastel pink faintly tinged lavender, with slight yellow center and its bluish halo. Very large flowers. 35c.

Sea Crest Six-petaled, big and wavy; frost white, with a deep blue haft. A rift of blue in the glistening spray of whitecaps. 25c each.

Uchiu (Universal). Largest size, longest stems, longest blooming season. Color cerulean blue with golden center and white halo. White, tipped blue. 25c each.

Zama-no-mori Larger than a majority of varieties, although only three-petaled; one of the daintiest. White, with a heavy azure-blue zone; short white standards margined blue. 25c each.

8 Above "SET" — ONE EACH
By Mail, Postpaid — FOR \$2.00

OTHER VARIETIES

Astarte. Beautiful double; dark violet. 25c.

Gold Bound. Early white, with golden rays. 25c.

Hercule. Double; clear lilac blue. 25c.

Iso-no-nami. Latest; very large. A suffusion of rose and blue-gray, heavily stippled over the surface of its double petalage. 35c.

Kumo-no-obi. A pleasing lavender effect, minutely striped white. 25c.

La Favorite. French gray veined delicate blue and purple. 35c.

Patrocle. Single; superb dark purplish violet. 25c.

Proserpine. Very large, 3-petaled; white stippled lavender-blue. 25c.

Rose Anna. Ivory-white, heavily veined and suffused with ruby-red and cerise. 25c.



Maltese Cross



Mertensia Virginica



Forget-Me-Not



Nepeta Mussini

LUPINUS polyphyllus (Lupine). Conspicuous, lovely, pea-shaped flowers, on spikes a foot long. In separate colors—**Blue, Rose or White.**
—Sweet-scented Hybrids. A delightful innovation. **Mixed.**
All: 3, 70c; doz., \$2.50.

MAZUS reptans. ◊ A close-matting ground cover and rock plant; covered in early spring with short racemes of lilac-blue, the lower petals tipped white, yellow and purple.
3, 70c; doz., \$2.50.

MECONOPSIS. A newly domesticated group of garden subjects with Poppy-like leaves and flowers, from the Orient.

—**Baileyi.** 2 to 3 feet. The glorious "Sky-Blue Poppy" from Thibet. Numerous leafy stems, broad sea-green leaves; 2-inch 4-petaled flowers in loose cymes, sky-blue with a central zone of golden stamens.

—**Regia.** 3 to 4 feet. Introduced from Nepal. During winter the silvery leaves persist in attractive rosettes. Towards June they throw up spikes with large bright yellow flowers in the leaf axils.
Each, 40c; 3, \$1.00.

MERTENSIA virginica (Bluebells). 18 inches. Pretty tubular flowers in drooping racemes during May and June, at first a warm blue gradually discoloring to pink. 3, 40c; doz., \$1.50; 100, \$10.00.

MITCHELLA repens (Partridgeberry). Creeping evergreen plants useful as matting and under trees. The small white flowers are pretty, but its scarlet fruits nestling among the shiny evergreen leaves are a winter delight. 3, 70c; doz., \$2.50; 100, \$15.00.

MONARDA, Cambridge Scarlet. ("Bergamot"). A 2-ft. bushy coarse-leaved plant deliciously fragrant; covered with round, full heads of red flowers with a ragged petalage. Attracts humming birds and bees. 3, 65c; doz., \$2.25.

MYOSOTIS palustris. The true azure-blue "Forget-Me-Not," blooming profusely during early summer. 3, 55c; doz., \$2.00.

—**alpestris stricta.** "Pink Bouquet". That's what it is, in basket, bowl, rock cleft or garden bed. Dainty, shell-pink flowers.
3, 70c; doz., \$2.50.

NEPETA Mussini (Caucasian Catnip). 1 to 1½ feet. Beautiful lavender flowers produced in masses. Can be trained and sheared as a dwarf edging. 3, 55c; doz., \$2.00; 100, \$12.00.

—**cataria.** 20 inches. The true sweet-scented Catnip. Plant some for your "kitty." 3, 40c; doz., \$1.50.

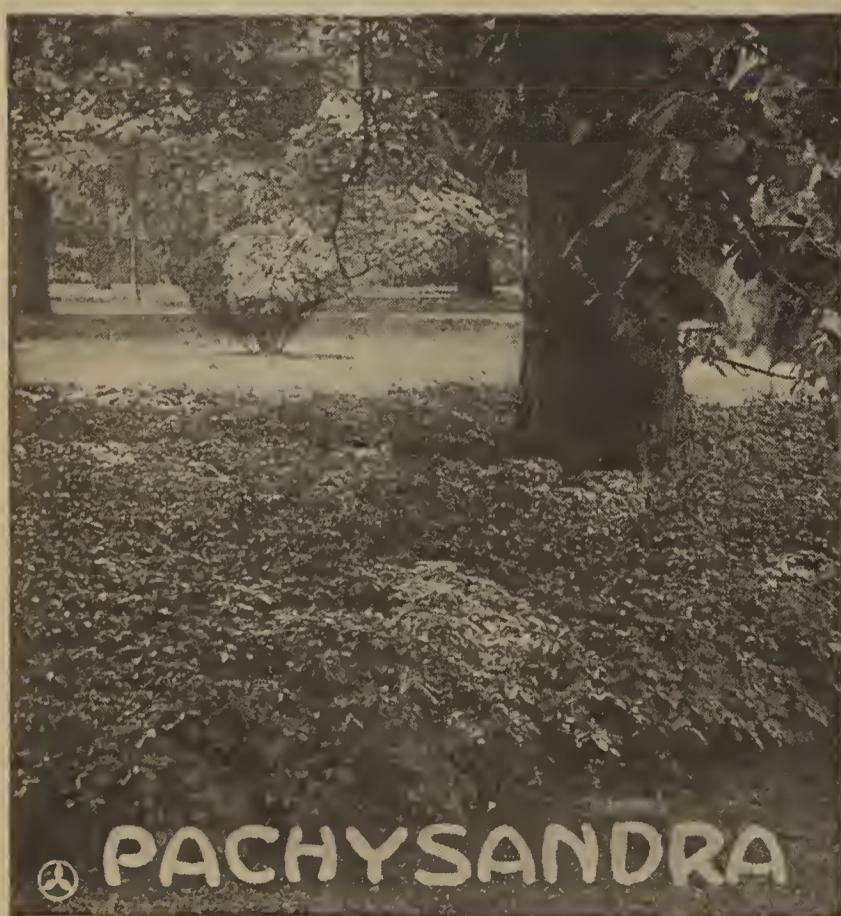
—**Souv. Andre Chaudron.** Erect, to 18 inches. Foliage silvery gray; large flowers dark blue through 3 months of the hot, dry midsummer. 3, \$1.00; doz., \$3.50.

OENOTHERA missouriensis (Ozark Sundrops). Solitary, single, golden flowers 5 inches across, buds copper-red; all summer; the plant itself prostrate, with ascending branches.
3, 70c; doz., \$2.50.

—**Youngi** (Evening Primrose). Bright lemon-yellow, 1- and 2-inch flowers in numerous small clusters; plant stocky and upright, with shiny foliage. 18 inches. 3, 55c; doz., \$2.00.

PACHISTIMA Canbyi. See Evergreen Shrubs, etc. (Page 74).

PACHYSANDRA terminalis. One of the best ground covering plants, particularly valuable in shade, averaging 6 to 8 inches in height and branching freely into a dense mat. Its shapely indented foliage is practically evergreen; thick, rubbery, lustrous. Set 4 inches apart. 3-inch Pots: By mail postpaid—3, 40c; doz., \$1.50. By express, not prepaid—100, \$8.00; 1000, \$70.00.



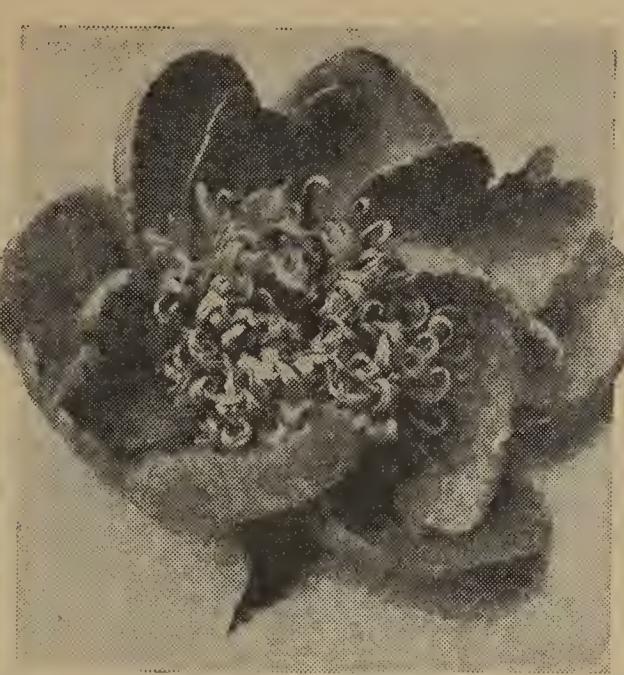
PACHYSANDRA



Sweet-Scented Lupine



Sarah Bernhardt



Japan—Rashooman



SHIRO-SANGAI

PEONIES

Spring planting of Peonies is practical if done early, before the new shoots become too long. March or early April.

DOUBLE PEONIES

Standard 3- to 5-eye divisions.

Albatre 8.7. Milk-white shaded ivory, the interior petals slightly tinged with lilac, which condenses to a carmine thread at the edges; midseason. 35c.

Albert Crousse. 8.6. All-over pure shell-pink, edged creamy white; large, full and high built; late. 35c.

Auguste Dessert 8.7. Midseason, rose type. Rounded petals in full cup-shaped flowers; brilliant, velvety carmine with silvery reflex. \$1.00.

Baroness Schroeder 9.0. Extra good cut-flower sort, of large, full rose type. Opens flesh-white but bleaches to pure white. 50c.

Claire Dubois. 8.7. Clear satiny pink with glossy reflex. Large, globular, late midseason. 50c.

Defiance A useful landscape type with long, nodding stems and semi-double 10-inch flowers, crimson-red edged silver, clouded with violet. 50c.

Duchesse de Nemours. 8.1. Large and full; shapeliest, best commercial white, uniquely tinged with sulphur. 35c.

Edulis Superba. 7.6. Very large, round and fluffy flower, bright rose-pink, with silvery reflex and crinkled petals; a charming mottled appearance. One of the earliest. 35c.

Enchanteresse 8.9. Large, globular flower on tall, stiff stem; creamy white. Late. 75c.

Felix Crousse 8.4. Midseason. Large, round heads perfectly double; crimson-cardinal at base of petals. A favorite. 50c.

Festiva Maxima. 9.3. High built flowers borne on long stiff stems; the earliest; purest white, inner petals slightly tipped carmine; an age-old favorite. 35c.

Georgiana Shaylor 8.9. A popular, large, globular semi-rose type; tender rose-pink, the guards and center slightly splashed crimson. 60c.

James Kelway 8.7. Very large, semi-rose type. White, occasionally flecked crimson. 35c.

Karl Rosenfield 8.8. Pure, rich, intense crimson. Of half-rose type, it makes and remains a splendid full, rounded substantial flower. 50c.

Lady Alexandra Duff 9.1. Immense full double flowers; outer petals tender rose, diminishing to blush white at center. High perfume. 75c.

Marguerite Gerard. 8.4. Magnificent, broad, thick heads of hydrangea-pink, marbled on creamy white and further enriched by collars of golden anthers. 35c.

Marie Jacquin 8.3. ("The Water Lily Peony"). Beautiful single and semi-double flowers; the waxy, pure white cup full of golden stamens. 50c.

Mary Brand 8.7. Immense midseason flowers, free blooming; vivid crimson-red. 75c.

Mme. de Verneville. 7.9. Medium-sized, globular flower, petals crinkly and semi-transparent; creamy white. 35c.

Mme. Ducel 7.9. One of the choicest varieties for cutting, both as to form and color. Shaped like a high-built Chrysanthemum and colored evenly a warm, true pink; holding its form. 35c.

Mme. Emile Galle. 8.5. Late. Shell-shaped petals of blush, waxy white at base; center a warm shell-pink. 35c.

Mme. Jules Dessert 9.4. Magnificent flowers of large size, with broad petals of translucent texture. Exquisite when opened in water; creamy white lit with buff and salmon. Midseason. \$1.25.

Mons. Jules Elie 9.3. The peerless pure pink. Broad reflexing guards with a high pyramidal body of semi-quilled petals converging to an apex. 50c.

Octavie Demay. 8.5. Very large flat crown. Guards and center pale hydrangea-pink, collar almost white. 35c.

Officinalis Rubra fl. pl. 8.6. Rich deep crimson; the great Decoration Day Peony. 75c.

Princess May. Wide, semi-double flowers, blooming early in great profusion. Blush white, marked lilac. 35c.

Reine Hortense 8.7. A prize-winning cut flower; of perfect, deep, compact form. Color a uniform, warm pink, flecked carmine. 75c.

Sarah Bernhardt 9.0. A superb, compact, semi-rose type. Uniform mauve-rose or apple blossom-pink, silver tipped, fragrant. 50c.

Solange (Lemoine). Rated 9.7. Unusually large, full, compact, globular crown type, with round, amber-white buds; late. Very delicate lilac-white tinged progressively with amber to salmon at the heart. \$1.00.

Souv. de Louis Bigot 9.1. Large convex bloom; brilliant Bengal rose, turning to salmon-pink with silvery reflex. \$1.00.

Tourangelle 9.4. Exquisite, late, large flat rose type; very fragrant. Pearl-white tinged with mauve, peach-pink at base. \$1.00.

Walter Faxon 9.3. Considered one of the most outstanding pinks; soft coral-pink, lighter at the tips but deeper rose at base, with salmon reflection. \$1.25.

5

MIXED PEONY OFFER
We select five distinct varieties in assorted colors,

\$1.00

Japanese Peonies

In this class the stamens and anthers are greatly enlarged into narrow, thick, twisted petaloids of various colors, forming a dense cushion set within a cup of broad guard petals.

11—Yoochi-no-tsuki ("Shadow of Moon in a Rippled Pool.") 6- to 8-inch flowers with prominent cushion center; white, occasionally flushed pink, with amber-cream petaloids. 75c.

15—Fuyajo ("A Sleepless Castle.") 9.2. This is the darkest and richest of our group. Broad rounded guards of velvety mahogany-red. The fine, curly petaloids form a conspicuous, dense center; garnet, streaked on reverse side and heavily tipped with bronze. \$3.00.

17—Rashooman ("A Devil Castle.") Late; very tall, free, and emphatically contrastive. The Chrysanthemum-like center of solferino, thickly studded and lined old gold, makes a lively offset to the 2-rowed incurving guards of intense, unblemished crimson. \$3.00 each.

20—Fuji-no-mine ("Top of the Fuji Mountain.") White, with rich cream center. 75c.

42—“Rose of Nippon” A wonderfully free bloomer, a persistent mass of brilliant 6-inch flowers. Very deep rose, the broadly prominent center darkened by carmine, and illuminated by countless starpoints of both silver and gold. Many centers are tufted. \$2.00.

64—Shiro-sangai By far the choicest of the whites. Its lily cup guards are milk white; the extensive central tuft of narrow petaloids buff, noticeably crested with gold. Eight-inch flowers are normal. \$2.00.

88—Oki-no-nami ("Waves in the Far-Off Sea.") Tall, free flowering and showy. Pale hydrangea-pink rippled on white; with full, fine cut center of peach pink and cream. \$1.00 each.

Mikado 8.6. Similar to No. 17, the cup a deeper red and cushion a yellower gold. \$1.25.



Ryndstrom



H. B. May



Primrose — Giant Polyantha

HARDY PHLOX STRONG FIELD-GROWN ROOTS

Novelties

Columbia Plant Patent No. 118. Gives new cameo-pink color, reminiscent of Elizabeth Campbell but more delicate and richer, with an exquisite distinction in the eye which is light blue. Cut blooms last over a week in water. Columbia's lateral branching habit continues the blooming season longer than any rival. Each, 50c; 3, \$1.25; doz., \$4.00.

Daily Sketch An English introduction of great beauty. Florets are extra large, symmetrically associated into panicles of great size. Clear salmon-pink with crimson eye. Each, 40c; 3, \$1.00; doz., \$3.75.

Lillian A beautiful new light salmon-pink of the Elizabeth Campbell type, borne in large, perfect trusses. Begins to bloom with Miss Lingard, and may be kept continuous all summer by judicious cutting. 35c each; 3, 95c; doz., \$3.50.

20c 3 for 55c;
doz. for \$2.00,
postpaid.

Athis. Tall; salmon-pink violet eye.
B. Comte Brilliant French purple or wine color.
Commander. Cherry-red with dark eye.
Enchantress. Soft salmon-pink with dark red eye.

Europa. White, with crimson iris.
Feuerbrand. Flaming orange-red.
Gloire du Maroc. Lavender-purple.
H. B. May Very large; silvery blush pink, with heavy center of soft carmine-pink.

Marechal French. Deep scarlet with blood-red eye.
Mrs. Van Beuningen. Warm salmon-red, with crimson eye, very showy.

Mrs. Wm. Jenkins. Pure white.
Nicolas Flammel. Bright carmine-lake suffused salmon.

Paladin. Warm salmon-pink, large cherry-red eye, quite striking.
Pastel. Dainty; lilac-blue, with pale central starlike pattern.

Rheinlander. Mottled salmon-pink, with claret-red eye.

R. P. Struthers. A soft red; blended salmon, rose and carmine.

Ryndstrom. A lively Neyron shade of rose-pink, the standard solid pink.

Thor. Ruddy salmon-pink mottled, with aniline-red eye. Large truss.

25c 3 for 70c;
doz. for \$2.50,
postpaid.

Africa Brilliant carmine-red, with blood-red eye, shapely flower heads of large florets.

Emain Macha Brilliant cardinal-red; shapely truss.

Ethel Pritchard. Beautiful lavender or rose-mauve; very distinct.

Fiancee. Pure, waxy white.

Graf Zeppelin. The new "calico" pure white with vermillion eye.

Jules Sandean. Extremely large; soft lilac-pink. Moderate growth.

Milly Van Hoboken. Choice; shell-pink, silvered reflex, red eye.

Miss Lingard. Earliest; longest spikes. Waxy white, lavender eye.

Von Hochberg. Brilliant, liquid amaranth-red.

30c 3 for 85c;
doz. for \$3.00,
postpaid.

Leo Schlageter A new red; with large pyramidal trusses; scarlet-carmine, dark eye.

Mia Ruys Largest florets and shapiest truss of all whites; dwarf; pure waxy white.

Nordlicht Extremely large, flat florets; warm lilac-blush, with heavy violet-red eye.

Saladin Scarlet with brilliant orange overcast; maroon eye.

Tigress An outstanding new kind, much-branched, with big trusses; intense orange-scarlet.

Widar The best two-color variety. Light reddish violet, with a striking white sunburst at center.

VARIOUS PHLOXES

Amoena. ♦ A fine ground cover, about 4 inches high, a sheet of bright pink flowers in spring. 20c each.

Divaricata. Useful in landscaping. Blooms freely during April and May, the light lavender of large size. 20c.

PHLOX SUBULATA

♦Ground covering, creeping Phlox, ("Moss Pinks"), very showy in spring.

Alba. White. 20c.

Atropurpurea. Purple. 25c.

Blue Hill. (New). A true dark blue; repeats in fall. 25c.

Lilacina. Bright lilac color. 25c.

Rosea. Bright rose-pink. 20c.

Vivid. Brightest pink with fiery eye. 25c.

PRIMROSE ♦ **[Primula]**

Popular for edging, beds, and rockery; both for foliage and early spring bloom.

Denticulata. Half-inch lilac flowers in dense, globular heads, on 10-in. stems.

—**Cashmeriana.** Similar to above with bright purplish blue flowers.

Nutans. A dainty Asiatic type with pendent lavender-blue flowers.

Pulverulenta. Rich crimson flowers in whorls, on stems 3 feet high.

4 above: 3, 95c; doz., \$3.50.

Veris (Cowslip). 4 to 8 inches. Scented flower umbels mainly yellow, but varying shades with darker center.

3, 70c; doz., \$2.50.

Polyantha—auricula alpina. 6-inch, tufted plants, resplendent with showy single flowers in great diversity of style and coloring. 3, 85c; doz., \$3.00.

—**Polyantha, Giant Red** and **Giant Yellow.** 12 inches, heavily foliaged; with extra large single flowers.

3, 70c; doz., \$3.00.

—**Polyantha, Munstead Giant Red.** Rich mahogany-red; often gold-laced. 3, 85c; doz., \$3.00.

PENTSTEMON, Coral Gem. 3 feet. Small, brilliant coral-red bells in un-crowded distribution along slender, nodding stems. They do not take up much room, but are showy, sparkling among other flower heads. July and August.

—**Shell Pink.** 2½ to 3 feet. Inclined to rigid erectness; the flowers and spikes large.

Both, 3, 70c; doz., \$2.50.

PHYSALIS Francheti (Chinese Lantern Plant). Grown for the large bladder-like, orange-red fruits in autumn. May be dried for winter vases. 3, 40c; doz., \$1.50; 100, \$10.00.

PHYSOSTEGIA (False Dragonhead). 2 to 3 feet. July. Broad, dense conspicuous spikes of tubular flowers.

—**speciosa alba.** Pure white. 3, 55c; doz., \$2.00.

—**virginica, Vivid.** Extra broad florets, deep purplish rose. Blooms two weeks later than the white, and lasts longer. 3, 70c; doz., \$2.50.

PLATYCODON grandiflorum (Balloon Flower). 2 to 3 feet. Blooms constantly from July until late September; flowers large, bell-shaped, in loose racemes. (Illustrated inside front cover). **Blue or White.** 3, 55c; doz., \$2.00.

—**Mariesi.** Dwarf, stocky; long season; deep blue. 3, 70c; doz., \$2.50.

See color page D for 9 Phlox illustrations, and Bargain Offer.



Oriental Poppy

POPPY [Papaver]

The massive flowers of the Oriental Poppy and its splendid hybrids, are blotches of vivid coloring against the prevailing greens of early spring. After their passing, the comparatively tiny Iceland Poppies carry on, brilliant but more modest and dainty. All need winter protection.

Please note our formidable array of new hybrids!

ALPINUM. ◊ 8 inches. Glaucous foliage, small, dainty flowers all summer in various uncertain colors, often fringed. 3, 70c; doz., \$2.50.

NUDICHAULE. ◊ "Iceland Poppies" bloom with extravagant freedom during early summer; 2-inch saucer-shaped flowers on slender stems, making delightful bouquets, as well as a vivid garden show. Separate colors—White or Yellow; or Mixed. 3, 55c; doz., \$2.00.

—**Empress.** Almost double; salmon-rose and creamy pink.

—**Imperator.** Deep tangerine-orange; often semi-double.

—**Sanford's Giants.** An extreme strain for size of the silken cup, and wide range of delicate and vivid colors. Mixed. 3 above: 3, 85c; doz., \$3.00.

ORIENTALE. The "Oriental Poppy," with great cup-shaped flowers, of orange-scarlet, heavily black blotched at base. 3, 55c; doz., \$2.00.

35c STANDARD HYBRIDS
EACH; 3, 95c; doz., \$3.50.

Beauty of Livermore. Deep oxblood-red with black blotch.

Brightness. Orange-scarlet toned with gold; conspicuous.

Fairy. (New). Small, trim plant and dainty flowers, delicate, clear pink.

Joyce. Very tall, straight stems; medium-size flowers of cherry-red. A fine sort.

May Sadler. (New). Strong growing with massive flowers; salmon-pink with black center. A choice pink.

Mrs. Perry. Orange-apricot, with faint lilac suffusion.

Olympia. Most profuse bloomer of any variety. Flowers fully double. Brilliant scarlet-flame, with salmon.

Perry's White. Very large and shape-ly, pure white.

Royal Scarlet. Richest scarlet; the medium-sized flowers in great profusion. Very showy.



"Painted Daisies"



Plumbago Larpentae

PLUMBAGO larpentae. ◊ An attractive 12-inch edging plant, quickly spreading into a compact mat. Tiny leaves of apple green, spiky red buds, and Phlox-like cobalt-blue flowers late in summer. 3, 70c; doz., \$2.50.

POLEMONIUM Coeruleum
(Jacob's Ladder). 18 in. Erect ladderlike leafy stems; loose terminal panicles of light blue. June - July. 3, 70c; doz., \$2.50.



Purple Coneflower

50c MODERN HYBRIDS
EACH; 3 for \$1.25.

Cerise Beauty. Many medium-sized flowers of rose-doree or light cerise.

Jeannie Mawson. Geranium-pink; good sized flowers; erect stems.

Lula A. Neely. (New). Long, strong stems; glorious large flowers of brilliant oxblood-red which does not fade.

Mahony. (New). Magnificent flowers in a color shade rare among hardy perennials; rich mahogany-purple.

Princess Ena. Small tulip-shaped flowers, bright coral-pink.

Wurtembergia. (New). Very popular because of its lovely shape, its size and substance; the unique color being a glowing rose-red.

THE NEWEST HYBRIDS at various prices

Goliath. Short, stocky stems and immense blooms; brilliant scarlet.

Henri Cayeux. Old rose shading into burgundy. An early bloomer, with gray-green foliage.

Perfection. Large, well-formed flowers; jasper-pink or light coral.
3 above: Each, 75c; 3, \$2.00.

Proserpine. Immense flowers on heavy stems; pure scarlet.
\$1.00 each; 3, \$2.50.

Sass Pink. Very large, lovely flowers; delicate flesh-pink.
\$2.00 each; 3, \$5.00.

Trilby. 26-inch growth; impressive flowers lustrous dark red. \$1.50 each.

PYRETHRUM hybridum (Painted Daisy). 2½ feet. A colorful garden show from June on throughout the summer, and also a charming cut flower. Construction varies from a full petaled anemone shape, to larger size in plain single. **Mixed** (red, pink, etc). (Also, see color page B). 3, 55c; doz., \$2.00.

RANUNCULUS. ◊ repens fl. pl. (Double Buttercup). A quickly spreading frequent rooting ground cover. Masses of yellow button flowers during May and June. The foliage is small, refined, densely set, thick and rubbery, lustrous, dark green. 3, 55c; doz., \$2.00.

RUDBECKIA. A dependable class of varying type, useful in both foreground and background.

—**Golden Glow.** 5 to 7 feet; early in summer until frost. Double dahlialike, golden yellow flowers.

—**Newmanni** ("Black-Eyed Susan"). 2 feet. Broad single flowers of orange-yellow with prominent blue-brown cone.

—**purpurea** (Purple Coneflower). 2 to 3 feet. Large, drooping petals colored reddish purple, with a high cone-shaped center of brown, thickly set with golden tips.

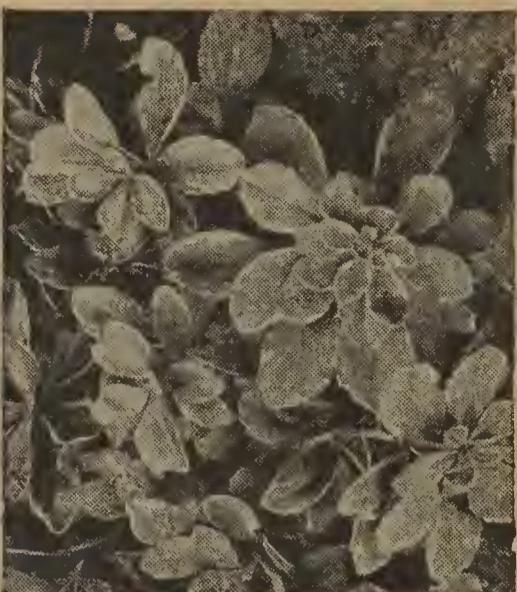
All: 3, 55c; doz., \$2.00.

SALVIA Pitcheri. A much-branched, densely blooming type of the Rocky Mountain Sage, its wands 3 to 4 feet high; a rich, deep shade of gentian-blue. August-September. These make excellent cut flowers. Try them in connection with Euphorbia Corollata, late blooming Baby's Breath, or Tritoma Pfizeri cut slightly shorter. 3, 55c; doz., \$2.00.

SAPONARIA. ◊ *ocymoides* (Soapwort). A branched, trailing rock-plant or wide border, densely clothed with small round leaves; from May to July brightly spangled with small pink flower umbels. 3, 55c; doz., \$2.00.



Sedum Spurium Coccineum



Sedum Kamtschaticum

SAXIFRAGA ◇ (Saxifrage). 2 feet. Large, fleshy, shiny leaves continuously ornamental, in some cases persisting into winter. Give plenty of water and partial sun.

—*cordifolia*. Very large heart-shaped leaves; flowers clear rose in dense cymes. May.

—*lingulata Leichtlini*. Nodding rose-pink racemes. April-June; showy crimson leaves.

Both: Each, 30c; 3, 85c; doz., \$3.00.

SCABIOSA caucasica (Blue Bonnet). Very showy, freely produced cut flowers, on long stems. June to September. Blue or White. 3, 85c; doz., \$3.00.

SEDUM ◇ [Stonecrop]

The backbone of rock gardening; low, close-jointed, densely spreading, good in either shade or sun.

Acre (Golden Moss). 2 to 3 inches. Minute foliage very moss-like; the flowers an all-covering golden yellow sheet, May to July. For carpet bedding and filling between rocks and flagstones.

Acre Minus. A much denser, more mosslike form of above. 3, \$1.00; doz., \$3.50.

Album. 2 to 3 inches. A miniature forest of upright stems clothed with waxy, tubular, green leaves; tiny white flowers. May to July.

Glaucum. 1 to 3 inches. Similar to Lydium, except its color is blue-gray; flowers blush-white. 3, 70c; doz., \$2.50.

Kamtschaticum. 8 inches. Robust and vigorous, prostrate, quickly spreading. The wide flat leaves are scalloped, arranged in partial rosettes, fresh green turning yellow in autumn. The $\frac{1}{4}$ -inch florets are perfect stars of orange-yellow drying to red, in low-set clusters. 3, 70c; doz., \$2.50.

Variegated. Like above except the foliage is sharply variegated with silver. 3, 85c; doz., \$3.00.

Lydium. 1 to 3 inches. Close groups of little round balls made up of the tiniest green beads, the color changing to purplish bronze; pink June flowers.

Sarmentosum. Dwarf, rapid grower; one of the best for filling seams between rocks in wall-gardens. Bright yellow carpeting bloom. June-July.

Sieboldi. 8 to 10 inches. Reddish stems with alternating tiers of opposite $\frac{3}{4}$ -inch leaves,—round, thick, rubbery, blue-green with red rim. The bright pink flowers, reminiscent of Daphne, are charming. August-September. 3, 70c; doz., \$2.50.

Spectabile. 15 to 18 inches. An excellent border variety with big, saucerlike rubbery sage-green leaves in diminishing tiers, covered in September with massive flat cymes of lavender flowers.

—**Brilliant**. Deep crimson.

Both: 3, 70c; doz., \$2.50.

Spurium Coccineum. 6 to 8 in. Thrifty, loose growth with kite-shaped leaves, very showy. July-August; with fringy, upright panicles of crimson bloom.

All (except noted): 3, 55c; doz., \$2.00.

SEMPERVIVUM ◇

The "House Leek" or "Hen-and-Chickens"

A most interesting group of small succulents; ideally fitted for use in the crevices of wall and rock garden. The leaves are thick and rubbery, arranged in usually tight rosettes; expansion being by a surrounding colony of exact replicas even in their tiniest stage.



"Hen-and-Chickens"

Arachnoideum minus (Small Cobweb House Leek). Short-stemmed red flowers.

Globiferum. Gray-green tipped brown; flowers yellow.

Tectorum (Hen - and - Chickens). Largest; pale green; red flowers. Above: 3, 55c; doz., \$2.00.

AN ODD, NEW "SET"

Arenarium	Montanum
Blandum	Pottsi
Brauni	Pyrenaicum
Fimbriatum	Rubicundum
Glaucum	" Hybrids
Juratense	Soboliferum
Laggeri	Triste

25c each; 3 for 70c.

14 The Set— **\$3.00**
one each

SILADCEA ◇, Rosy Gem (Greek Mallow). 2- and 3-ft. branching plants with foliage like Larkspur; 2-inch mallow-like flowers. June-July. Bright rose-pink. 3, 85c; doz., \$3.00.

SILENE ◇ Schafta (Autumn Catchfly). 4 to 6 inches. A low border or rock plant, with masses of bright pink flowers from July to October. A good successor for Maiden Pink. 3, 55c; doz., \$2.00.

SPIREA ◇ filipendula (Dropwort). Numerous white flowers on 15-inch stems. June-July. Dark fernlike foliage.

3, 55c; doz., \$2.00.
— fl. pl. Double white flowers. 3, 85c; doz., \$3.00.

STATICE latifolia (Sea Lavender). 15 to 18 inches. Leathery foliage, minute blue flowers, similar to Forget-Me-Not, in 18-inch heads. Last for months if dried. 3, 55c; doz., \$2.00.

STOKESIA (Stokes' Aster). A 2-ft. bushy plant, lavender bloom July to October. Flowers often 4 to 5 inches in diameter.

—**Alba**. Beautiful white flowers. Both: 3, 70c; doz., \$2.50.



Sedum Sieboldi—The "Autumn Daphne"



Sedum Acre—"Golden Moss"



Thalictrum Aquilegifolium



Trollius—Globe Flower



Yucca—Spanish Bayonet

TEUCRIUM canadense (American Germander). Six-inch spikes of rosy-purple flowers. July-Aug. The attractive foliage makes a spreading ground cover.

—**chamaedrys**. Used as an evergreen edging; densely ascending stems. Small flower whorls in loose spikes, bright rose with white and red spots. The valuable foliage is dense, small, round, dark, glossy—closely resembling dwarf Boxwood. Can be sheared at will.
3, 70c; doz., \$2.50; 100, \$15.00.

THALICTRUM (Meadow Rue). Spreading heads of tiny flowers.

—**aquilegifolium**. 1 to 3 feet. Scalloped Columbine foliage; white flower balls. May to July.
—**purpureum**. Purple flowers.
—**dipterocarpum**. 4 feet. Fine cut foliage, lilac-mauve flower sprays. August and September.
—**glaucum**. 3 to 4 feet. Finely cut blue-gray leaves; fragrant heads of Chinese yellow. July.
All: 3, 70c; doz., \$2.50.

HERMOPSIS caroliniana. 3 feet. Resembles a yellow Lupine; with foliage like Clover, and tall spikes of pea-shaped yellow flowers in June and July.
3, 70c; doz., \$2.50.

THYME. Very useful in rockeries for covering dry banks, and provide a rich carpet for blocks of spring-flowering bulbs; their early bloom all-covering.

—**citriodorus** (Creeping Thyme). Lemon-scented; golden yellow.
—**lanuginosus** (Woolly Thyme). Silvery foliage, reddish pink flowers.
—**serpyllum album**. Dense mats of dark green foliage, with clouds of tiny white flowers.
—**coccineum**. Crimson.
All: 3, 70c; doz., \$2.50.

TRADESCANTIA virginica (Spiderwort). 2 to 2½ feet. Broad, grasslike foliage; clustered blossoms all summer. An excellent filler for moist bottomlands; among the semi-shading trees at base of ravines.
Blue or White. 3, 55c; doz., \$2.00.

TRILLIUM grandiflorum (Wake Robin). Familiar large, white, lily-like flowers of early spring, preferring partial shade, and moisture. 3, 40c; doz., \$1.50.

S. & H. Tritoma Pfitzeri

S & H Superb Strain (The Red Hot Poker). Semi-tropical and showiest of all garden plants in bloom. Rushlike foliage with thick flower stalks a yard long, a single fiery cone at top. Brilliant scarlet, lower petals rimmed with orange. Blooms July to October. A magnificent cut flower. Use heavy winter mulch. (See color page B.)

—**Quartiniana**. A thick-stalked variety, blooming late in May with flower cones 10 to 12 inches long. Orange-red at first, but bottom half yellow as bloom matures.

Both: 3, 70c; doz., \$2.50.

TROLLIUS europaeus (Globe-flower). 2 feet. Foliage like Larkspur; 1½- to 2-inch bloom on long stems. May and June. Flowers are glorified Buttercups.

—**Earliest-of-All**. Light orange.
—**Golden Queen**. Pure gold.

—**Meteor**. Rich, deep orange.

—**Orange Globe**. Best form.

Each, 40c; 3, \$1.10; doz., \$4.00.

TUNICA saxifraga. Tufted hair-fine spreading grass plant; tiny pink flowers all summer.

3, 55c; doz., \$2.00.

—**rosea fl. pl.** Double flowers.
3, 70c; doz., \$2.50.

—**alba**. Pure white.

3, 70c; doz., \$2.50.

VALERIANA officinalis (Hardy Heliotrope). 3 to 4 ft. Thick spikes of white flowers, slightly roseate, with heliotrope scent. June-July.

3, 70c; doz., \$2.50.

—**coccinea rubra**. 2 feet. Reddish pink flowers, in upright panicles like Hyacinths. June to October. 3, 55c; doz., \$2.00.

VERBASCUM Phoeniceum

Hybrids. 18 in. An interesting form of Mullein hybridized in England. Large woolly leaves, branched flower spikes. The flowers come in white, pink, rose, purple, bronze, and brown—but offered as Mixed only. Planted in well-drained, light, warm soil, they will reproduce annually from their seed.
3, 70c; doz., \$2.50.

VERBENA venosa. 1 foot. A thrifty, branching type. Very popular for solid bedding. Feathery dark foliage, liberal flowers all summer, a bright rosy heliotrope. 3, 55c; doz., \$2.00.

VERONICA (Speedwell). Blue flowers, varying in size and shade, for borders and rockeries.

—**Armena**. 3 inches. Dainty trailing stems like Sedum. Blue flowers all season.
3, 70c; doz., \$2.50.

—**incana**. 1 foot. Silver foliage; violet-blue flowers. July-August. 3, 55c; doz., \$2.00.

—**longifolia subsessilis** (Bluebird Flower). 2 ft. Long bronze-green leaves, deep indigo-blue flowers. July to September. 3, 70c; doz., \$2.50.

—**pectinata**. 4-in. Creeping, dense, silvery green; soft pink flowers. Very charming.
Each, 35c; 3, \$1.00; doz., \$3.50.

—**rupestris nana**. 1 to 2 inches. Creeping plants with small, dark leaves. Gentian-blue flowers. April and May. 3, 70c; doz., \$2.50.

—**Trehani**. 8 inches. The foliage a golden carpet, beautiful with deep gentian-blue flowers in May.
Each, 35c; 3, \$1.00; doz., \$3.50.

VINCA minor (Hardy Myrtle). A trailing evergreen for carpeting where it is too shady for grass; on sloping banks not too dry, a bordering for shaded pools, and as a filler.

2-year field-grown plants:

3, 40c; doz., \$1.50; 100, \$10.00; 1000, \$80.00.

3-inch pot plants: Stocky—ready any time:
3, 50c; doz., \$1.80; 100, \$12.00; 1000, \$90.00.

VIOLA (Tufted Pansy). Dwarf edging plant, hybrids of Alpine Violet and Garden Pansy; blooms 8 months if sheared often. Brilliant color spots in the rockery or garden borders.

—**Admiration**. Velvety wine-purple.

—**Blue Perfection, Golden Yellow, White**.

—**Jersey Gem**. Dwarf, bushy and continuous in bloom; pure, rich violet; slightly perfumed.
All above five: 3, 55c; doz., \$2.00.

—**Arkwright Ruby**. Bright ruby-red.

—**G. Wermig**. Rich violet-blue.

—**Sutton's Apricot**. A new, rich apricot color.
Three above: 3, 70c; doz., \$2.50.

—**Purple Glory**. Persistent bloom, long-stemmed; ruby-purple. 3, 85c; doz., \$3.00.

VIOLETS. Of unfailing interest and popularity.

—**Frey's Fragrant**. Profuse, single light violet.

—**Prince of Wales**. Large, violet-purple.
Both: 3, 55c; doz., \$2.00.

—**Hardy English**. Hardiest type. Double, crinkly flowers, light violet; fragrant.
3, 70c; doz., \$2.50.

—**Rosina** A delightful new variety giving out an unusual amount of fragrance; the dainty flowers colored a tender lilac-pink.
Each, 25c; 3, 70c; doz., \$2.50.

YUCCA [Spanish Bayonet]

Filamentosa Swordlike evergreen foliage; pendent clustered white bells along thick, 3- to 4-ft. spikes.

2 yr.: Each, 25c; 3, 60c; doz., \$2.00.

Variegated Leaf Similar to above, but the leaves are bronzy green, striped, and the outer edge widely bordered with yellow. 2 yr.: Each, 30c; 3, 70c; doz., \$2.50.



Abutilon, Souvenir de Bonn



Begonia, Flowering



Chrysanthemum, Golden Glory

House Plants Bedding Plants PLANT DEPARTMENT Potted Annual Tender Vines

ABUTILON [Flowering Maple]

For pot plants and for summer bedding, vases and baskets. The flowers are deep bell-shaped, well distributed, borne in profusion all summer.

Savitzi. Sharply variegated green and white.

Souvenir de Bonn. Deep green leaves, irregularly bordered with creamy white. Orange flowers, veined crimson.

Thompsoni. Flowers of orange-salmon-pink, foliage blotched with yellow; a charming combination for pot plants.

ALL: 25c each; 3 for 65c.

AGERATUM

Profuse flowers all season, in rounded terminal umbels, each floret a small round bur of protruding but soft bristles.

Cardinal Mundelein. (New). Beautiful clusters of blue-purple; an intermediate shade.

Riverside (New). Dwarf, compact grower, free-blooming. Large, full flowers, deep purplish blue.

Wilson's Blue. Beautiful clear blue in large clusters.

20c each; \$1.50 per doz. By express, \$10.00 per 100.

BEGONIAS

See page 54 for
Tuberous Rooted

Flowering Glossy green and red leaves, and flowers of bright shades, attractive and dependable.

Argentea Guttata. Purple-bronze leaves, oblong in shape with silvery markings; white flowers. 20c each; 3 for 50c.

Corallina Lucerna. Spotted olive-green, wine-red beneath. Perfect trusses of coral-red flowers. 30c each; 3 for 75c.

Otto Hacker. Shining deep green leaves 8 to 10 inches long; coral-red flowers in immense clusters. 30c each.

Rubra. The flowers are a rich coral-red, hanging in large pendent clusters. One of the best. 20c each; 3 for 50c.

Thurstoni. Bronzy green shaded crimson and olive, with a glossy metallic lustre; the under side purplish red with prominent veins. Clustered flowers rosy white. 30c each.

Bedding Choicest material for compact, formal beds; fresh waxy green foliage, and constant bloom.

Gracilis Luminosa. Scarlet. **Prima Donna.** Pink.

Gracilis Carmen. Carmine-red. **White Pearl.** Pure white.

BEDDING TYPE: 15c each; 3 for 40c; \$1.50 per doz.
By express, \$12.00 per 100.

CORSICAN SHRIMP PLANT

BELOPERONE guttata. A heavy wooded, branching pot-plant up to 2 or more feet, with dark green leaves; almost continuously displaying its uniquely beautiful flowers. These are 2-lipped tubes, white with purple spots, surrounded by $\frac{3}{4}$ -inch, heart-shaped bracts which lie flat and overlapping like scales, along 4 sides of a 3- to 5-inch drooping spike. These are very showy, salmon-red and old rose, with brightly contrasting extremity of primrose yellow. 2½-inch, 35c each; 3-inch, 50c.

CHRYSANTHEMUM

Large Flowered for Inside Forcing,
or for a one-season fall garden show.

Golden Glory. Deep yellow.

Oconto. Medium size; Japanese; white.

Rose Glow. Bright rose-pink; early.

Quaker Maid. Large, pure white.

Smith's Enchantress. Rose-pink.

PRICE:
25c each
3 for 65c

CHOICE NEW COLEUS

PRICE Except as noted—15c each; \$1.50 per doz.
By express, \$8.00 per 100.

Big Tim. Medium sized, refined leaves; with dappled green scallops, and prominent base of golden russet which merges into a dust, and final solid overlay, of wine-red and maroon.

Brilliancy. Wind-blown leaves against the sun, give an effect of golden brown with red suffusion. Quiet, the broad face is velvety red flushed with brown and carmine; the under-surface, stems and beaded edge a clear chartreuse.

Carolina. Bronzed brown maroon, the central veining a flare of crimson with violet lines.

Eddie George. The biggest leaves are 4 by 6 inches, with a beaded gold edge; solid, velvety, bronze red-brown.

Goblin's Torch. A jagged flame in vivid, translucent magenta-red imposed on black-maroon; within a stippled bronze-green border.

Green Goddess The most picturesque of all Coleus patterns. Stalks and stems are bright plum. Leaves are large, twisting, deeply toothed; emerald green with sharp rays of violet-red on ivory. The half-exposed under side presents a cameo cobweb in violet, which also outlines the green marginal teeth. 25c each; 3 for 65c.

Hollywood. Clustered small, crinkled leaves defined by yellowish green scallops; a threaded tapestry in red and moldy bronze, carmine and madder-rose.

Joseph's Coat. A dominant center wedge of purpled carmine, splashed ivory; this raggedly bordered violet-maroon; all within a scalloped deep green margin.

Marion. Large leaves finely fringed and fluted; their varying stages showing everything from bright green peppered red and maroon with cream-white veins, to a dominant maroon with carmine feathering and up-curled greenish fringe.

Neva An orchid effect, despite its rich autumnal color tones. The undulant, velvety leaves are shirred; with light-edged, halberd-pointed fringe. Crushed strawberry on brown, the ribs violet with purple outline, the base and young center green gold. 25c each; 3 for 65c; doz., \$2.50.

Pres. Harding. Fresh green changing to bronze, the center a flaming jagged halberd in garnet.

Red Sensation. Richly dark, large, smooth leaves; both sides a violaceous red-maroon; the face heavily veined carmine, with a velvety over-bloom, and a garnet red translucence against the sun.

Trailing Queen. Showy in box and basket for trailing over edge. Small scalloped leaves dark green checked in maroon, the wedge-shaped center gay with magenta and cream.

PARIS DAISY or "Marguerite"

A delight in the garden and in summer boxes, or winter pots.
Boston Yellow. Single flowers, very free; deep canary.
Mother's Favorite. Semi-double; white, anemone center.
Mother's Pearl. Fully double; pure white.

20c each; 3 for 55c; doz., \$2.00.

S.&H. DUSTY MILLER

Erect, tall-growing, heavily branching; a close network of skeleton leaves, silver-white at all times. Best of its kind.
 2½-inch, 15c; \$1.50 per doz. By express, \$12.00 per 100.



Boston Fully matured fronds attain a length of four to five feet. 2½-inch pots, 15c each; 3 for 35c. 4-inch, 50c. 5-inch, 75c. 6-inch, \$1.25. 8-inch, \$2.50.

Adiantum Wrighti. Improved "Maiden-hair". 2½-inch: 25c each; 3 for 65c.

Asplenium Nidus Avis (Birds Nest Fern). Broad, shiny, protruding leaves surrounding a nest-like crown. 2½-inch pots, 60c each; 4-inch pots, \$1.00 each.

Asplenium Viviparum. One of the most beautiful of ferns; dwarf, compact, with dark green, lacelike fronds very interesting when the old fronds become studded with tiny replicas of the type. 2½-inch, 25c. 3-inch, 40c.

Cyrtomium Rochfordianum compactum (Holly Fern). Beautiful jagged leaves dark and shiny. A popular heavy dish fern. 2½-inch, 20c; 3 for 50c.

Selaginella ("Moss Fern"). We offer two types.

—**denticulata.** Droops over the pot sides; a vivid green ball.

—**emiliana.** A dense, mossy, green carpet.

Both: 20c each; 3 for 50c.

(*Senecio Leucostachys*)

FERNS

Indispensable for general house, table or window decoration.

Fern Dish Collection

We grow a varied assortment of small, odd-shaped Ferns specially for jardinières and fern boxes. We will mail six "Dish" or Table Ferns in 6 distinct varieties of our choice for **85c**



Variegated Geranium—Wm. Langguth

FUCHSIAS

Black Prince. Well expanded single flowers; carmine-lake color of corolla and calyx nearly alike.
Little Beauty. Dwarf, single, seldom without flowers. Sepals carmine, corolla deep lilac.
Pride of Orion. Semi-double with long narrow pointed carmine sepals; fluted corolla pure white, with pink stamens.

All 25c each; 3 for 70c.

Single flowered marked (*).

GERANIUMS From 2½-inch pots.

PRICE Unless stated, 15c each;
\$1.50 per dozen.

Alphonse Ricard. Bright orange-red.
***Beauty Poitevine.** Rosy salmon, shaded deep orange.
***Irvington Beauty.** Giant, salmon flushed pink and cerise.
Jean Oberle. Exquisite hydrangea or "apple blossom" pink.
Mme. Buchner. Best of the double pure whites.
Mme. Landry. Semi-double. Rich salmon-shaded orange.
Mme. Saleroi. Very effective for bordering. A thrifty grower, quickly reaching a dense 8x8 inch size; leaves small, bright silver-green, edged white.
 \$1.00 per doz. By express, \$8.00 per 100.
Radio Red. A new, double red, pure vermillion, displayed in thick clusters of large florets. 25c each; \$2.50 per doz.
Ruby. Large trusses on extra long stems; deep rosy scarlet; the upper margins pure scarlet. 25c each; \$2.50 per doz.
S. A. Nutt. Dependable for a constant blaze of crimson.
Rose-Scented Leaved. Broad skeleton leaf type; popular.
Wm. Langguth. Variegated foliage green and white; beautiful contrasting crimson flowers. 25c.

HELIOTROPE

This altogether delightful old plant has ever been a great favorite among those who enjoy garden perfumes.
Centefleur. Dwarf; florets wide and flat, deep heliotrope, with conspicuous white eye. 25c each; \$2.50 per doz.
Royal Fragrans. Dark violet-purple in extra large florets compactly set in heavy cymes. 30c each; \$3.00 per doz.

LANTANAS

Profuse, continuous blooming bedding plants, 12 to 18 inches.

PRICE 15c each; 3 for 40c; \$1.50 per doz.
By express, \$12.00 per 100.

Alba Perfecta. Creamy white; a charming companion.
Countess de Biencourt. Brilliant rose-pink, cream center.
Craigie. Cardinal-red velvet, its center studded with gold.
Harkett's Perfection. Variegated leaves; pink bloom.
Weeping Lantana A fine plant for small summer hanging baskets. Delicate rose-lilac in compact umbels, borne freely, in long, drooping sprays.

POT GROWN ANNUALS

1937 Practically every variety used is a novelty, mostly "All-American" from high priced seed.
 Did you forget to sow seed? Well, we remembered for you!
 We sow the seed, pot the plants, develop them in our greenhouses, and have the following fine list of favorite annuals well developed, ready to send out about May 1st.

Asters. Giants of California Mixed, and "Azure"; Imbricated Pompon Mixed, "El Monte," and "Los Angeles."
Calendula. "Ball's Gold," "Campfire," and "Orange Shaggy."
Ipomoea. "Heavenly Blue."
Kochia (Summer Cypress).
Annual Larkspur. Imperial "Giant White," "Blue Bell," "Rosamond."
Lobelia (Upright). "Blue Stone."
Marigold. "Dixie Sunshine," "Harmony," and "Yellow Supreme." "Signata Pumila," "Crown of Gold."
Petunia. Balcony: 6 colors. Dwarf: "Martha Washington," "Celestial Rose," and "Dwf. Rosy Morn." Double: "All-Double Mixed," "Double Fringed Mixed," "Giant

Double Mixed." Single: "Theodosia," "Rose King," special "Giants of California Mixed," and "Silver Blue" nana erecta.
Phlox Drummondii: Mixed, "Flesh," and "Gigantea Art Shades Mixed."
Salpiglossis. 7 distinct colors.
Salvia. "Splendens," "Zurich," "Firebrand."
Snapdragons (all Rust-proof): 7 named varieties.
Verbena. "Erinoides," "Venus," Beauty of Oxford—Red, Blue, White, and Mixed.
Vinca rosea (Periwinkle): Pink, White, or Red-eyed.
Zinnias. Dahlia-Flowered Mixed, "Lilliput Pastel shades," "Fantasy Mixed," "Linearis," "Seabrous Mixed," Miniature "Sanvitalia Mixed," "Red Riding Hood."

NEW PRICE By mail, postpaid, 75c per doz.
By express, 50c per doz.; \$4.00 per 100.



Peperomia—Watermelon Begonia

ACHYRANTHUS. Brilliant foliage plants for summer bedding.

—**Herbsti.** Transparent leaves of rosy carmine.

—**McNally.** Red stemmed; bright green with yellow veins.

Both kinds: \$1.50 per doz. By express, 100, \$10.00

ALOE—True Tiger. A vastly superior strain of variegated Aloe, one of the finest and most favored of succulent plants. The broad, pointed, thickly tubular leaves are dark green, emphatically spotted or "tigered" with white. 1½-in...

ANTHERICUM goldianum. Dense clump of inch wide arching foliage, cream and green.

2½-inch pots

—**Mandaianum.** Narrow, long leaves; white, banded by green

ASPIDistra lurida. A very graceful broad-leaved foliage plant which thrives in houses even against the hazards of gas. 6-inch pot (18-20 in. high). By express

BABY'S TEARS or "Paddy's Wig" (*Helxine soleirolii*). A charming little mosslike covering plant, useful for wall-bracket, shallow table-pot, or greenhouse ground. 2¼ inch

BROWALLIA, Blue Giant. All-year supply of solitary dark blue, star-like flowers. \$1.50 per doz.

CALLA Godfrey. The lovely white lily; already started in 3-inch pots

CRASSULA arborescens. The fine old "Jade Plant"; leaves rounded, thick and rubbery; murky bronze-green. 2¼ inch

CUPHEA tricolor (Cigar Plant). Useful in basket and window-box by showing innumerable little flame tipped red "cigars," on small-leaved plants

CYPERUS alternifolius (Umbrella Plant)....

DRACAENA indivisa. Numerous slender, grass-like, but rigid, green leaves, the favorite center plant for box, vase and basket planting. 4-in...

—**fragrans.** Plentiful, broad foliage of one color; lustrous, dark green. The plants are especially hardy and trustworthy for general house decoration. 4 inch

—**Sanderiana.** Dark green striped creamy white

EXACUM atrocaeruleum. A 2-foot summer garden plant; blooms all summer with round, single flowers, bright blue with gold eye.....

FARFUGIUM grande (Leopard Plant). Big round leaves, blotched yellow, cream and sometimes pale rose. 4-inch pot plants

FICUS elastica (Rubber Plant). Tough and hardy, fine house plant. 4-inch

FITTONIA argyroneum. Large round leaves of vivid green with a network of pure white veins.

GREVILLEA robusta (Silk Oak). Shape of an oak tree; lacy foliage bronze gray

HIBISCUS, Cooperi tricolor. Shrubby upright growth with drooping irregular leaves variegated in greens, pinks, and white. 2¼ inch

—**Peachblow.** Flowers double; rich pink, with small, deep crimson center. 2¼ inch

—**Double Red Peachblow.** Like above, except its flowers are deep red

IMPATIENS, Sultana Hybrids. Mixed

KALANCHOE coccinea. Small, rounded, bright green foliage, and brilliant scarlet flowers like Bouvardia. A consistent bloomer during many weeks under adverse living-room conditions ...

Condensed List of Well Known and Odd New

POT PLANTS

PRICES All prices under this department are for postpaid delivery by mail, on dozens or less—unless otherwise specified. Express shipments are not prepaid. 2¼-inch pots if not otherwise specified.

Special Novelties NEW PINK VIOLET

	Each	3
Rosina		
A charming innovation, valuable because of its two separate blooming seasons, distinct fragrance, and its unique coloring of pink and old rose. Each, 35c; 3, \$1.00; doz., \$3.50.		
SAINTPAULIA (African Violet). Our improved grandiflora type, a choice pot plant. Early, uninterrupted, violet-like, deep blue; among thick, hairy, heart-shaped leaves. Each, 35c; 3 for \$1.00. 3-inch, 50c.		



"Fountain Plant"

	Each	3
LEMON VERBENA (<i>Aloysia Citriodora</i>)	\$0.20	\$0.50
MARANTA Kerchoviana. Big round leaves, spotted maroon. 2½-inch pots .....	.35	
PANDANUS Veitchi. An attractive decorative plant with graceful arching foliage, light green, striped lengthwise with broad bands of white. By express, 4-in.	1.00	
PANSY PLANTS. Thrifty started plants, choice strains, including Swiss Giants and California Giants. Colors and markings widely varied, and very beautiful. 50c per doz.; \$3.50 per 100. By express, \$3.00 per 100; \$25.00 per 1000.		
PARROT'S FEATHER (<i>Myriophyllum Proserpinacoides</i>). A choice aquatic foliage plant; long stems bristling with soft green leaves like hairs. Self supporting in fish globes. 2½ inch..	.25	.70
PELARGONIUM, Mrs. Layal. The genuine "Pansy Geranium." Rounded, satiny, its colors range from a crimsoned chocolate center through pink to white at the edges .....	.25	.65
PEPEROMIA Sandersi (Watermelon Begonia). Round convex leaves, dark green, striped gray like a Melon. 2¼-inch 3-inch .....	.40	1.00
— floridana. The oval convex leaves are of large size, plentiful; a shiny, smooth surface of fresh brilliant green, 2½-inch .....	.50	1.40
PILEA (Artillery Plant). Makes a fine "wind-bent shrub," or an ancient olive tree in dish gardening. As a pot plant is a dense, rounded mass of tiny round leaves, with yellowish flowers ...	.40	1.00
ST. AUGUSTINE GRASS. A dainty stooling, branching, variegated grass; very effective for pot specimens; baskets or other indoor decoration. The main blades are about ½ inch wide, cream color, with definite striped green edge ..	.25	.65
SANSEVIERIA zeylanica. Each upright, wavy leaf arising from the roots is striped crosswise with broad jagged white variegation on dark green. 2¼-inch 4-inch pots, made up .....	.25	.70
— Laurenti. A striking novelty form, the variegation being a rich cream color instead of white, with the addition of a wide cream border around each leaf. 2¼-inch pot .....	.35	
4-inch pot made-up 3 plants	1.00	
THYRSACANTHUS rutilans (Fountain Plant). Mostly used as pot specimens; its pendant, close-set braids of short tubular flowers a vivid coppery carmine. 2¼-inch .....	.25	.65
VIOLETS. Of unfailing interest and popularity.		
— Frey's Fragrant. Profuse, single light violet. ....	.20	.55
— Princess of Wales. Large, violet-purple ....	.20	.55
— Hardy English (or Russian) .....	.25	.70

HYDRANGEAS

The flowers of varying color are compact, rounded trusses of 5- to 10-inch breadth, the individual florets mostly single and flat, of ¾- to nearly 2-inch diameter.

TRIAL SET 3 plants assorted by mail postpaid, for.....
Or—6 plants assorted, 85c.

50c

TENDER VINES FROM Plant Department

Postpaid, 2½-inch Pots Unless Otherwise Noted.

- ASPARAGUS.** General utility, green trailing plants.
—plumosus nanus. Feathery foliage on thin hard stems, in long emerald sprays; a rich setting for cut flowers.
—Sprengeri. Mostly used in boxes and baskets; its long, dense trails provide the best dark streamers of any vine. Both: 2½-inch, 20c each; 3 for 50c.
- IPOMOEA grandiflora** (Moonflower). For outside stringing after May 1st. Satiny white flowers, 5 to 6 inches in diameter, borne abundantly throughout a long season, opening at sundown for the night, emitting a rich Jessamine odor.
- Heavenly Blue.** Beautiful sky-blue flowers, by day. Both: 20c each; 3 for 50c; doz., \$1.75.
- IVY, English** (*Hedera Helix*). Foliage is rich, waxy green with prominent lighter veins, and is very attractive when trained against harmonious paper or woodwork; or later to decorate and veil summer porch boxes.
- Large Leaf** (S. & H. choice strain). 20c each; 3 for 50c. 4-inch, 40c each; 3 for \$1.00.
- Hahn's Branching.** Very dense with much smaller leaves. Best type for wall brackets. 20c each; 3 for 50c.
- Variegated** (*Madeiraensis variegata*). A new type with the largest leaves, smoother edged, on shiny purplish red stems; clear cream-white, with ragged, mottled, dark green blotch at center. 35c each; 3 for \$1.00.
- Parlor** (*Senecio mikanioides*). The well-known German Ivy for walls, hanging baskets, and urns; pretty, light bronze-green with 5 to 7 points. 20c each; 3 for 50c.
- Japanese** (*Vitis Rhombifolia*). A strong branchy vine, reminiscent of both Wild Grape and Ampelopsis. 2½-inch. 25c each; 3 for 65c.

MANETTIA VINE. Filled at all times with small tubular flowers of brilliant scarlet, with yellow tips. Desirable for baskets, vases or small trellises. 20c each, 3 for 50c.

PASSIFLORA Pfordti (Passion Vine). The 4- to 6-inch fragrant flowers are waxy; sepals greenish white; petals pink; the numerous needle-like filaments black-purple at base, then blue-purple, with pointed white tips; the heavy protruding stamens branched like a cross. Foliage dark green in 3 broad lobes and heavy base. 25c each; 3 for 65c.

PHILODENDRON cordatum. Wide heart-shaped leaves, shiny dark green, on thick, twisty stems. A thrifty climber for fancy indoor vining effects. 40c each; 3 for \$1.00.

POTHOS aureus. Broadly heart-shaped, leafy vine, clear green spotted yellow. A strong climber, the roots clinging to damp masonry. 40c each; 3 for \$1.00.

SAXIFRAGA sarmentosa (Strawberry Geranium). Clustered wide, round leaves, green heavily veined white, the under surface red. The early summer flowers are small, in slender spikes, the white petals spotted yellow and red. The main plant throws out runners like strawberry plants, which droop gracefully to increasing length, each streamer clothed with rosettes of foliage. 20c each; 3 for 50c.

TRADESCANTIA (Wandering Jew). Thick, waxy, lance-shaped, brilliantly striped foliage, on substantial vines.

—striata. Bright green, striped creamy yellow, with grayish green reverse.

—cyanotis multicolor. Striped maroon and silver.

Both: 15c each; 3 for 40c; \$1.50 per doz.

VINCA major variegata. More of this used for baskets and vases than any other two basket plants. Beautiful variegated green and white foliage; strong trailing habit of growth; the bright blue Myrtle flowers contrasting prettily against the creamy white pattern in the leaves.

2½ inches, 15c each; \$1.50 per doz.

By express, 4-inch pots, 35c each; \$3.50 per doz.

HARDY Water Lilies

Location Sunshine and unchilled, undisturbed water are essential.

Soil Should be mellow clay loam, fertilized with one-fourth well-rotted cow manure, about 12 inches deep. Horse and sheep manures are dangerous to use. Of commercial fertilizers, Vigoro is probably as good as any.

Water Any clean water will do, not in strong motion; its depth above soil not arbitrary, but 12 inches is best.

Planting The longer roots should be firmed into the dirt slanting or flat, but set all shapes, so that the crown is even with the surface of soil. In case the pull of spreading leaves, or other disturbance loosens the root-hold, poke them back and refirm the soil or further bind them down with stones.

The average space to allow for plants is about 2 feet square.

Original propagation is slow; S. & H. Lily roots are two or more years old, and ready to bloom. Shipping may commence about April first, and is practical up to the first of June. Established pools with a good assortment, begin showing flowers in May, each of an average five-day existence, with unbroken continuance and varying extravagance, until late fall.

Prices are delivered to you.

Plant a Pool!

The growing of Water Lilies has always seemed to average small-lot gardeners, as something too exotic and mysterious for them to attempt, or too expensive for their budgeted investments. Have no fear. The pond, pool or tub is not really expensive; construction, planting and maintenance are actually simple; prices of choice stock are now greatly reduced; and the plants are practically self-supporting and safely hardy.

WATER LILIES ON COLOR PAGE E

1 SUNRISE	Value
1 GLORIOSA	
1 ROSE AREY	\$7.00
1 GLADSTONE	

4 By mail, postpaid \$6.30

ally double. Brilliant carmine-red. The vivid color, freedom and small leaf-spread, popularize it for tubs. \$2.00.

James Brydon Voluptuous, full-petaled crimson-red; cup-shaped, with enriching red-gold stamens. \$2.50.

Laydekeri Lilacina Of gracious form, size and development; soft lilac warming to deeper tone; sweetly fragrant. Rare; we control most of the stock. \$1.50.

Marliac Rose Good size, fragrant, long lasting, choice cut flower. Distinct coloring; deep pink, graduating to delicate rose at tips. \$1.50.

Paul Hariot Delicious coloring; progressing from creamy yellow the first day, orange-pink the second, to deepening reds successively with every day hinting at tones to come or past. A lovely cup-shaped bloom, good size; abundant all season. \$1.50.

Rose Arey Best of the pinks; brilliant cerise-pink with velvet shadows. Flowers spread to eight inches, with pointed petals and curling edge; scented. \$1.50.

Sunrise The largest hardy Lily in flower, leaf and root, requiring a 4-foot space. Salmon-olive-brown buds burst forth, in wide-flung rays with tints of primrose, gold and opal. Full blown, its immense flowers resemble chrysanthemums, clear yellow, lemon-chrome stamens. Earliest, largest, most unique, fragrant. \$2.50.



Marliac Rose

NYMPHAEAS

Attraction A superb red Lily, capable of an 8-inch spread. Garnet, tipped rose, maturing to deep red; the sepals white, with rosy streaks maturing garnet-red. \$2.50.

Chromatella The one distinct, popular yellow; 5-inch cup. \$1.00.

Comanche Flower and stem uniquely upheld above the water. Rich apricot, maturing coppery bronze with ruddy shadows in the depths; orange stamens. \$1.50.

Gladstone (True). 6 to 8 inches across; pure white. Of several excellent whites, this is the best, and scarce. \$1.50.

Gloriosa Choice; producing up to 200 glorious blooms with apple-blossom fragrance; not large, but perfect, and exceptionally double. Brilliant carmine-red. The vivid color, freedom and small leaf-spread, popularize it for tubs. \$2.00.

James Brydon Voluptuous, full-petaled crimson-red; cup-shaped, with enriching red-gold stamens. \$2.50.

Laydekeri Lilacina Of gracious form, size and development; soft lilac warming to deeper tone; sweetly fragrant. Rare; we control most of the stock. \$1.50.

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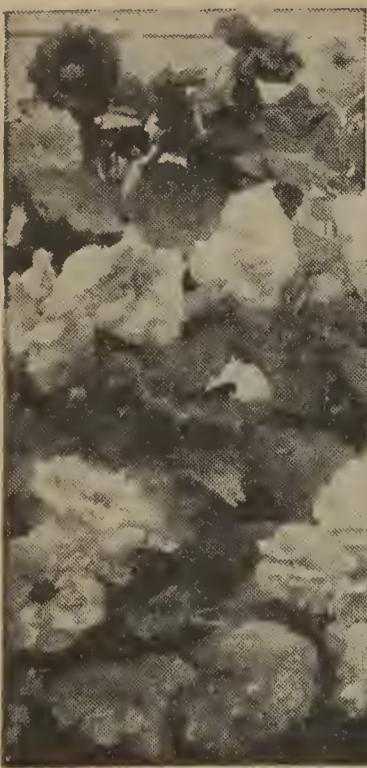
Paul Hariot Delicious coloring; progressing from creamy yellow the first day, orange-pink the second, to deepening reds successively with every day hinting at tones to come or past. A lovely cup-shaped bloom, good size; abundant all season. \$1.50.

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Paul Hariot



Tuberous-Rooted Begonias

BULBS and TUBERS

For Summer and Fall Blooming



BEGONIAS, Tuberous Rooted

For pot plants and garden beds. When grown outside, take up before cold weather, spread out to dry, pack in boxes of dry sand and store through winter in some cool place, yet not where frost can reach them. Some little time before planting outside in spring, they should be potted and kept inside until well started. They delight in a partial shade in soil composed of leaf mold, sand and well-rotted manure.

Double Camellia Flowered Separate colors: Scarlet, deep rose, shell-pink, orange, crimson, salmon and yellow, or mixed.

Cristata Single flowers slightly frilled, each petal bearing a coxcomb-like tuft or crest. Mixed.

Fringed and Ruffled (Crispa). Flowers of immense size, beautifully frilled, fringed and wavy. Separate colors: Dark red, rose-pink, salmon, scarlet, orange, yellow, and white, or mixed.

Trailing (Pendulata). Very useful and beautiful for hanging baskets and boxes, and in the rock garden. Extended trailing stems and extra leafage. The flowers are single, large, waxy, well distributed. Mixed. Above: 25c each; 3, 70c; doz., \$2.50; \$18.00 per 100. Mixed. 3 for 60c; \$2.25 per doz.; \$16.00 per 100.

Duplex Immense ruffled single flower, each with a smaller flower super-imposed on it. Mixed. 30c each; 3 for 80c; doz., \$3.00; 100, \$21.00.

CALADIUMS

Esculentum (Elephant's Ear). Stands 6 to 7 feet high, with bright green leaves 3 to 4 feet long and 2½ feet wide. Should have plenty of water and good rich soil. Is a splendid adornment for the banks of lily ponds.

Large Size Bulbs. 25c each; 3 for 65c; \$2.50 per doz.

Fancy Leaved Beautiful variegated foliage plants, reveling in many soft colors and indescribable beauties of design; for window boxes, vases or single pot

plants, succeeding equally well in a somewhat shady situation out-of-doors. After becoming well established, they require liberal watering, coupled with adequate drainage. The bulbs should be started into growth about the first of April, dried off in October, and kept warm and dry until spring. Mixed. 35c each; 3 for \$1.00; \$3.50 per doz.



Fancy-leaf Caladiums

CALLAS

The White Calla is rarely used except for house blooms; but the hardier spotted-leaved variety, Elliottiana, is also much used in gardens for the beauty of its foliage as a border, and its delightful flowers for late summer cutting. The bulbs should be set out after danger of frost is past, and dug up again in the fall for drying off and winter storage.

Elliottiana Clean, dark foliage spotted creamy white, and splendid flowers of waxy golden yellow. (Color page E).

Extra Large. 2 to 2½ in., 30c each; 3 for 75c; \$2.50 per doz.

S & H Godfrey Everblooming Calla

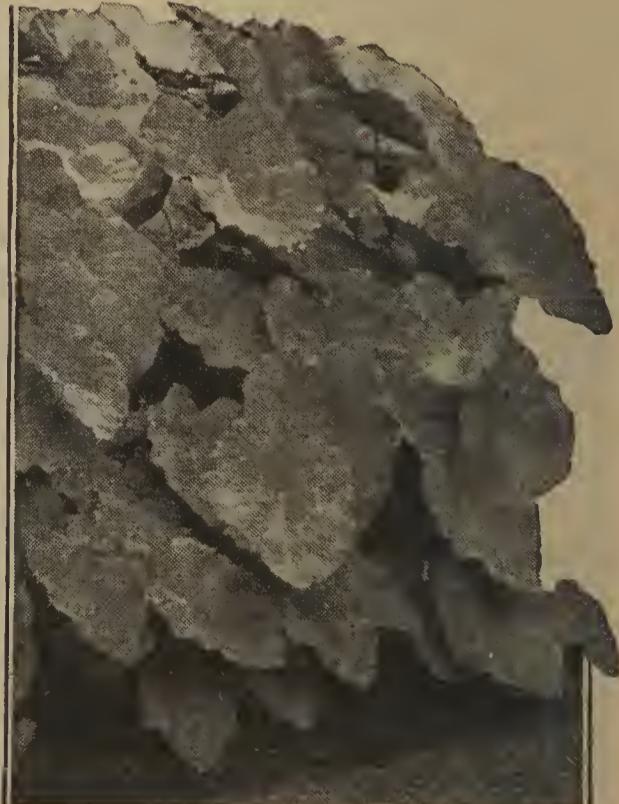
Flowers pure white, delicately scented, extra free, of prolonged blooming season. Ours is a special strain improving size and perfection of the flowers. 25c each; 3 for 60c; \$2.00 per doz.

AMARYLLIS

Valuable alike for house, conservatory or summer garden. For pot culture, they should be potted in well drained soil composed of leaf mold and light loam, or in any rich soil. One bulb to a 5-inch pot, just barely covered. The lily-like flowers run to large size, with broad recurving petals, and should appear in a few weeks after potting. After blooming season is over, withhold water, as the top begins to die; when thoroughly ripened place in dry, cool place, leaving plant in pot to allow season of rest.

Giant Hybrids Our offering is a selection representing the finest, largest flowered, and most richly colored strains of modern development. The body color may be white, broken up by heavy streaks and lines of tropic luxuriance, in rose, red and other colors—or else dominantly orange, cherry, cerise, crimson, with mottling or striping of vivid contrasts; 3 to 6 flower stalks to the bulb. Offered in mixed colors only.

	Each	3	Doz.
First Size. 2½ to 2½ in.	\$0.30	\$0.85	\$3.00
XX Size. 2½ to 3 in.	.45	1.25	4.50
XXX Size. 3 in. and up	.60	1.65	6.00

Giant
Amaryllis
Hybrids

Caladium—"Elephant's Ear"



A Bed of President Cannas



Gloxinia

CANNAS

Cannas are the tallest and bulkiest of all bedding plants. Their foliage is attractive in rich shades of green or bronze. The surmounting flower trusses are uniformly large, free and brilliant. Set 18 inches apart.

City of Portland (3½ ft.). Warm rose-pink, holding its tone through both hot and cold weather.

Hungaria (3½ to 4 ft.). Bright "Neyron Rose" pink, throat prettily mottled with creamy white.

King Humbert (4 to 4½ ft.). Immense flowers, orange-scarlet flecked with rose. Beautiful heart-shaped leaves, bronze, shaded purple and brown.

Queen Helen (4 to 5 ft.). Green leaves; large flowers golden yellow blotched crimson.

Richard Wallace (5 ft.). Pure canary yellow.

Rosemond Coles. (5 ft.). A showy new variety of robust character, with massive orchid-type flowers. The flashing color is deep reddish orange, illuminated by a mottled border of golden yellow. (Illustrated on color page E).

The President (4 ft.). Deep crimson-scarlet.

PRICE	3	Doz.	100	By Express
Dry Roots ...	\$0.30	\$1.00	\$7.00	Before May 1st
Started Plants	.75	2.50	15.00	After May 1st

CINNAMON VINE Dioscorea Batatas

A beautiful vine of glossy, heart-shaped foliage. Tops die down for winter, but spring forth early with renewed vigor. Tiny white flowers in small axillary clusters, scent the neighborhood with a delicious cinnamon fragrance.

Roots. 4 to 6 in. long, 15c each; 3, 40c; doz., \$1.50.



Godfrey Calla. See page 54

GLOXINIAS

Handsome, large, round, hairy leaves and quantities of big flowers. Give rich, light soil and partial shade, until well started into growth; in watering, do not wet the leaves. When through blooming, store in dry, warm place for next repotting. **Bavaria.** Dark blue with white throat, and ruffled edge. **Blue Bell.** Solid violet-blue. **Brunhilde.** Clear, waxy white.

Red Admiral. Flaming crimson.

Wandsbek Blud. A new European variety; a very fine blood-red.

Spotted and Tigered. Mixed. Each, 35c; 3, \$1.00; doz., \$3.50. Mixed. 3, 95c; doz., \$3.25.

MADEIRA VINE

A beautiful rapid growing vine with dense foliage, fleshy, heart-shaped, light green. Numerous mignonette-like feathery racemes of fragrant white flowers.

Strong tubers: 15c each; 3 for 40c; \$1.50 per doz.

TUBEROSE

Excelsior Pearl. Fall flowering bulbs; long, compact spikes of double, waxy white flowers; exquisitely perfumed. 3 for 25c; 75c per doz. By express, \$5.00 per 100.

Mail Order Bargain Collections

of Plants at Half Price—15 Different Sets 85c Each, Postpaid

These bargain collections can be offered cheap because they are assembled in large quantities and at one time, at a minimum handling expense. You get the same quality of plants that you would receive were they purchased as single items and save practically half the cost.

Choice Varieties

Select the sets you want, but the choice of varieties must be left to us. Plants and bulbs used in filling these collections are not the cheapest varieties by any means. Often we include novelties and especially good varieties of which we have a surplus.

Mention Set Numbers Wanted. Our Selection of Varieties. Each Set Postpaid, for

85c

The Prices of all collections are NET except that we will send 5 collections for \$3.75

- Set No. 1. 5 Assorted House Plants.
- Set No. 2. 5 Tuberous Rooted Begonias.
- Set No. 3. 10 Canna roots—assorted.
- Set No. 4. 6 Begonias, assorted.
- Set No. 5. 6 Rockery Plants, assorted.
- Set No. 6. 6 Hardy 'Mums, in 6 varieties.
- Set No. 7. 4 Lily bulbs, good hardy kinds.
- Set No. 8. 8 German Iris, 8 varieties.
- Set No. 9. 30 Gladiolus bulbs—mixed.
- Set No. 10. 8 Herbaceous plants, asst.
- Set No. 11. 6 Hardy Phlox, 6 varieties.
- Set No. 12. 6 Hydrangeas, assorted.
- Set No. 13. 6 Fern Dish Ferns, assorted.
- Set No. 14. 4 Peonies, assorted.
- Set No. 15. 2 Yellow Callas; 4 Tuberoses.



Tuberose



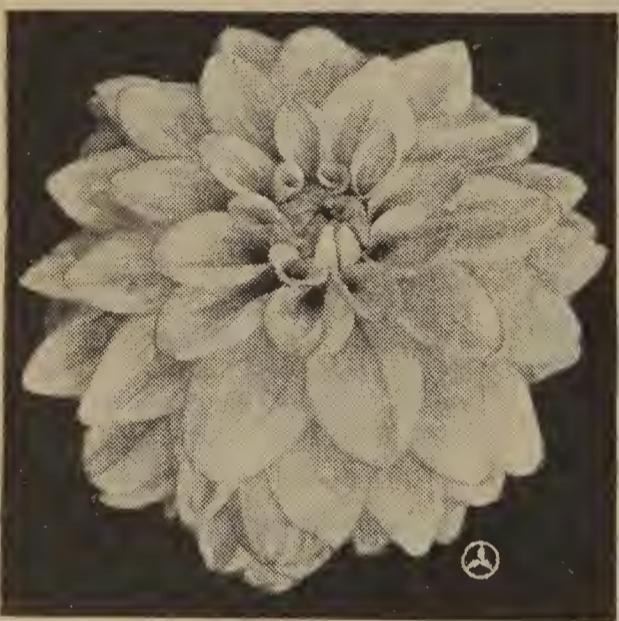
Sagamore



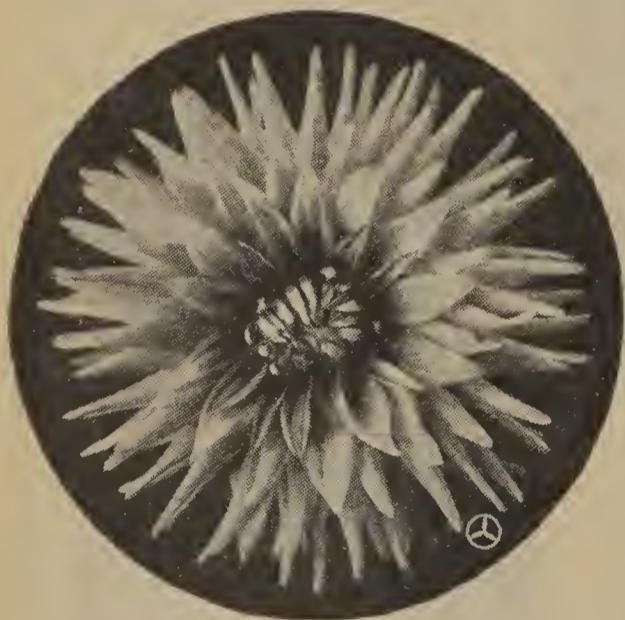
Dwight W. Morrow



Kathleen Norris



Ida Perkins



Countess of Lonsdale



A. D. Livoni

**Post-
paid
Quan-
tity
Prices**

		TUBERS		
	Each	3	Doz.	
25c	\$0.65		\$ 2.50	
35c	.95		3.50	
50c	1.35		5.00	
75c	2.00		7.50	
\$1.00	2.70		10.00	

A. D. Livoni (S). Warm rose-pink, perfect flowers, overlapping quilled petals. 25c.

California Beauty (C). Burnished copper toned with amber and coral-red. 50c.

Champeog (D). A magnificent exhibition variety, early and free-flowering, with stiff stems. Lemon-yellow with a charming suffusion of deep rose-pink. 75c.
(See illustration on color page E).

Coltness Hybrids Single flowers in various colors; on dwarf, bushy bedding plants. 35c.

Countess of Lonsdale (C). Perfect cactus type, long season; blended amber and salmon. 25c.

Dwight W. Morrow (D). An outstanding introduction; not only of giant size and perfect form, but noticeable in any garden for the startling brilliancy of its deep red color. \$1.00.

Elite Glory (D). Pure scarlet. Perfect form, on stiff stems; very large and showy. 50c.

Ellinore Vanderveer (D). Medium size, pleasing satiny rose-pink. 25c.

Fort Monmouth (D). A free-blooming, long-keeping new kind with flowers of mighty size; rich crimson-maroon shaded bluish violet at petal tips. 50c.

Gladys Sherwood (C). Broad and thick; petals broad-based but tubular at tips. Unblemished, glistening white. 50c.

Ida Perkins (D). Early blooming; of perfect, gracious form, retaining its full center; ivory-white, slightly tinged primrose at center. 50c.

Jane Cowl (D). Deep, massive, with a pleasing twist of informality. Golden yellow, clouding with a suffusion of chamois and orange-pink to the center of ruddy apricot. 50c.

DAHLIAS

Frequent cultivation is essential. Time for planting varies according to climate, but is safe after all danger of late frost is past. Tubers should be planted 6 inches deep, laid flat, eyes or sprout up. Although tubers produce more stalks, started plants give practically an equal amount and quality of bloom.

We send out tubers until supply is exhausted; after which orders are filled about June 1st with started plants, at half price.

Jersey's Beacon (D). Solid Chinese scarlet, the reverse a lighter shade. 35c.

Jersey's Beauty (D). Luminous coral-pink with golden base and rosy glow. 25c.

Jersey's King (D). A rich combination of strawberry-red at center, with old gold. 25c.

Kathleen Norris (D). Above average size, petals broad and over-lapping with twisted ends, full tight center, long stems, a very free bloomer and a long keeper when cut. Color is pure rose-pink, eventually mallow-pink with a lighter shade at center. 75c.

Margaret Woodrow Wilson

(D). Broad, with abruptly tapering, wide, partially quilled petals; blush white tinged mauve at center. 35c.

Marmion (D). Golden yellow outlined with the reddish bronze of the center; under side suffused. 35c.

Monmouth Champion (D). This new kind has a massive flower, very formal in shape, borne freely on strong-growing plants; the color a flashing orange-flame. 75c.

Mrs. I. de Ver Warner (D). Refined, of moderate size, very free, early and continuous. Color very popular, orchid or deep mauve-pink. 25c.

Mrs. Wellesley (S). A popular bedder; white heavily tipped violet-crimson. Fine for shallow bowl-bouquets. 25c.

Polar Bear (D). Pure, waxy white, the flowers of medium size borne very freely. 25c.

Pop Stewart (D). Compact, many petaled, flat flowers, 8 to 10 inches across. The color is a solid light lavender, deeper at the base of inner petals. 50c.

Sagamore (D). A superb cut flower of pleasing size; perfect decorative form; high-built center. Soft saffron-yellow with a faint rose undertone at base, the compact center enriched by ruddy apricot. 35c.

Sanhican's Bluebird (D). Magnificent broad flowers; unfading rich violet-blue. 50c.

Thomas Edison (D). A choice new variety of large size with cane-like stems, the bloom very formal. Rich, deep purple with the sheen of velvet. 75c.

Yellow Colosse (D). Solid primrose-yellow; an old variety, dependable and pleasing. 25c.

GLADIOLI No. 1 Size

Gladiolus flowers last longer when cut than most any others and open up best in water. Bulbs should be planted between April and May, 4 inches deep and 2 inches apart in the drills, single rows 12 inches, and double rows 18 inches apart. Beds do well planted 4 to 6 inches apart each way.

*The 100 Price is Stated.
Refer to Schedule for Doz. and 3*

Glad. Novelty Group

Aflame. Begonia-rose flaming to red near the edge and on back. Both spike and florets are large. \$5.00.

Ave Maria. Many, large, well-placed florets of good substance; light blue with a purple blotch. This is one of the best blues. (See color page E). \$6.00.

Bagdad. A magnificent smoky old rose, darker at margins, lighter in throat. Many large florets at once. \$10.00.

Betty Nuthall. Sparkling, iridescent orange-pink; the throat golden orange lined carmine-rose; the reverse a delightful coral-pink. This is extremely popular today. \$4.00.

Bleeding Heart. A lovely new, large flowered variety, with 10 to 12 florets; soft blush white as a foil to the prominent blood-red blotch. Much superior to the popular Mrs. Frank Pendleton. \$9.00.

Commander Koehl. Red as blood, with velvety cardinal shadows. Probably the most outstanding red, without blemish. Flowers are boldly heavy, on sturdy spikes. \$8.00.

Minuet. A model for size, shape and placement, ranking high just as a Glad; but the very best clear, light lavender. \$6.00.

Mother Machree. "Queen of the Smokys". Once cost \$100 per bulb. Vinaceous lavender, the edges overlaid salmon-pink. \$8.00.

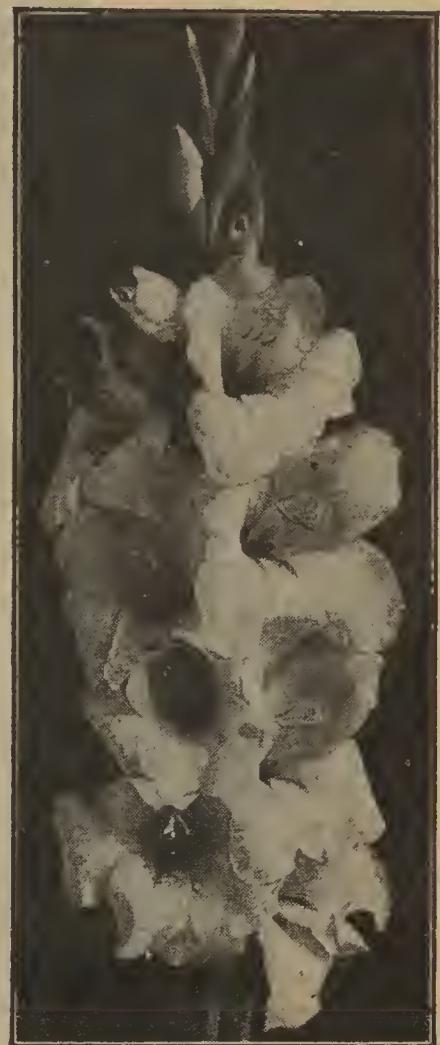
Picardy. A genuine sensation among Glad enthusiasts. Often opens 8 very large flowers at a time. Of heavy, waxlike substance, the edges gently ruffled. A delicate suffusion of apricot and salmon-pinks. \$6.00.

Red Phipps. A new derivation just like the voluptuous pink Phipps, except the color is more striking and vivid; a rich, warm red. (See color page E). \$10.00.

Veilchenblau. The best dark blue introduction; velvety violet-blue with lighter center. Flowers large and free. \$6.00.

Yvonne. A lovely stranger in our midst. Large, graceful flowers, often 8 open; flesh-pink, with a soft red or strawberry-pink blotch on lower petals. \$5.00.

Above Novelty Set Three of Each (36 bulbs) **\$3.75**



W. H. Phipps

S & H "Old Glory"

MIXTURE

Our special hand-made assembly of choice listed varieties, one each to the dozen, or ten each to the hundred. No guesswork.

Doz., 40c; \$3.00 per 100, delivered. By express, collect, \$25.00 per 1000.

STANDARD VARIETIES

Albania. Glistening pure white with fringy petals, in full, tall spikes. \$3.50.

Apricot Glow. Clear, unmarked apricot; large, early. Full spikes. \$3.50.

Break o' Day. An early light pink of great commercial value for popular cut flowers. \$4.00.

Carmen Sylva. Large flowered, sturdy; pure white with slight carmine throat markings. \$5.00.

Crimson Glow. Very dark velvety scarlet with garnet streaks. \$3.50.

Dr. F. E. Bennett. Velvety flame-scarlet, throat dusted with ruby and cream. Very large and many flowers. \$5.00.

Evelyn Kirtland. Coral-pink flaked with silver; blotch on lowers orange-carmine, with mahogany midrib. \$4.00.

Giant Nymph. La France pink with creamy yellow throat. A splendid cut flower type of large size and full spike. \$4.00.

Gold Eagle. Very early, tall; good-sized flowers slightly ruffled; wide open, solid deep lemon-yellow. \$3.50.

Golden Dream. Late, tall, large; rich golden yellow, many open flowers at one time. \$3.50.

Marmora. A popular "smoky" with 8 or more flowers open at one time; silver-gray suffused lavender, with deep rose in the throat. \$5.00.

Mrs. F. C. Peters. A beautiful orchid-pink, with a crimson-purple blotch haloed white on lower segments. \$4.00.

Mrs. Leon Douglas. Brilliant, extra large and numerous flowers, begonia-rose striped with flame and scarlet, the lip lemon speckled with ruby. \$4.00.

Nancy Hanks. Rich apricot to orange-pink, with grenadine tongue. \$4.00.

Orange Queen. A tall, grandiflorus prim.; brilliant orange-yellow. \$3.50.

Primrose Princess. Clear, delicate primrose-yellow, the lower petals rich amber. Large, stately, wide-open flowers. \$6.00.

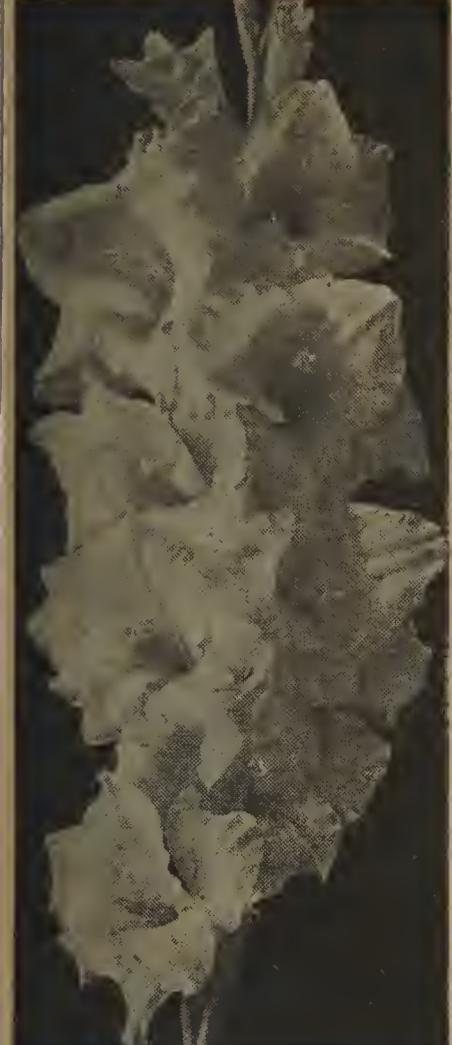
W. H. Phipps. Dominating flowers of immense size in long, massive spikes, all out at once. La France pink warmed with salmon-rose, lighter at center; lowers faintly clouded with ruby dots. \$5.00.

Standard

GLAD. MIXTURE

Fifty choice named kinds mixed up—you taking your chance on what varieties occur.

Doz. 30c; \$2.50 per 100, delivered.
By express, collect, \$20.00 per 1000.



Betty Nuthall

The
Regal
Lily

Tiger Lily

HARDY LILIES

MOST Lilies will succeed in any light, sandy or loamy soil if sufficiently enriched and properly drained. Decayed peat and leaf mold are often successfully mixed with the other soil. Well-rotted cow manure is best, thoroughly mixed in, followed in after years by top dressing. Fresh manure must be avoided.

In garden planting, the bulbs should be set no less than three times their own depth and mulched heavily after the first frosts come, for winter protection. In locating these plantings remember that Lilies object to frequent removal; they should be left undisturbed several years. See our offer of Hardy Water Lilies—page 53.

Prices include delivery to you.

Auratum (Gold-Banded Japan Lily). The flower heads are large, with broad petals gracefully recurved. White, thickly studded crimson-maroon, with a wide gold band down the center of each petal. July-August.

	Each	3	Doz.
First Size	\$0.35	\$0.90	\$3.00
Extra Large .....	.50	1.25	4.50

Batemanniae. Bright apricot tinted flowers; blooming in July-August. Each, 30c; 3, 80c; doz., \$3.00.

Croceum. A handsome, showy Lily, 3 to 6 ft. high, with up to 20 horizontal flowers 3 to 4 in. in diameter. Hardy, vigorous and long lived. June and July flowers, orange-yellow tinged red, spotted purplish black. Holland grown. Each, 40c; 3, \$1.10; doz., \$4.00.

Elegans atrosanguineum. Hardy, dwarf, stocky grower, blooming freely in June and July with large, erect, vivid flowers. Velvety blood-red inside, the outer surface sheened with gold. Holland. Imported. Each, 35c; 3, \$1.00; doz., \$3.50.

Henryi (Yellow Speciosum). One of the finest hardy Lilies, of strong, vigorous growth, with flower stalks 3 to 5 feet long; deep apricot-yellow, lightly spotted brown. August-September. Each, 40c; 3 for \$1.10; \$4.00 per doz.

The Regal Lily 4 to 5 feet, well foliaged; crowned with varying clusters of very large, long tubed, wide mouthed Lilies. Although immaculately white, the outer surface of the flower is streaked with a delightful stain of coral-pink; the deep throat being heavily gilded. The perfume is exquisite. June-July. Our stock this year is mostly choice, well-ripened Oregon grown.

Flowering Sizes	Each	3	Doz.	100
4 to 5 in.	\$0.15	\$0.40	\$1.15	\$ 8.00
5 to 6 in. ....	.20	.50	1.45	10.00
6 to 7 in. ....	.25	.60	2.00	15.00
7 to 8 in. ....	.35	.90	3.00	21.00

Speciosum album. Pure white with a green band traversing the center of each petal. 8 to 9-inch bulb. Each, 40c; 3 for \$1.00; \$3.75 per doz.

Speciosum rubrum magnificum. This is one of the joys of August; ruby spots informally distributed over a broad expanse of white. 8 to 9 inches. Each, 35c; 3 for 90c; \$3.00 per doz.

Superbum. Runs from 3 to 6 feet in height, its nodding crests adding to the general brilliance of July and on into September, with from 5 to 40 handsome blooms of orange-scarlet shaded yellow, with red anthers. Requires shade and moisture. Each, 20c; 3, 50c; doz., \$2.00; 100, \$15.00.

Tenuifolium (Coral Lily). A flashy little midsummer Lily, great for mass effect, good in rockeries, often potted. The flowers are tiny 2-inch balls, but so numerous and so intensely scarlet they shame the larger reds. Slender stems 1 to 2 feet high, with fine cut ferny foliage. Each, 25c; 3, 70c; doz., \$2.50; 100, \$17.50.

Tigrinum splendens. A much improved strain of the well known "Tiger Lily." One of the easiest Lilies to grow successfully, attaining 4 to 5 feet in height and blooming profusely during July. Orange-red, heavily spotted with black. Each, 25c; 3, 70c; doz., \$2.50; 100, \$17.50.

Tigrinum flore pleno. 3 to 4 feet. The "Double Tiger Lily." A very showy flower naturally heavier and bulkier than the single type, with richer coloring. Each, 25c; 3, 70c; doz., \$2.50; 100, \$17.50.

Lily-of-the-Valley Just the thing to put into that cold, shaded strip along the walk on the east or north side of your house. The loose panicles of tiny bell-shaped flowers set low in their emerald foliage, and are not conspicuous; but they do cover the waste ground, furnish a vast amount of cut sprays, and sweetly perfume the entire yard.

2-Year Pips (Berlin Strain). Doz., 60c; \$3.50 per 100; 250 for \$7.50.



Auratum



Magnificum, and Album

S & H Hardy Field-Grown Roses

OUR ROSES ARE BUDED ON HARDEST STOCK

The varieties we list are all hardy, with winter protection. As a popular service, we cut back and root-prune your Roses,—ready to plant. This also cuts down transportation expense.

CULTURE. Before planting, consider these simple instructions: Sunny location protected from boisterous, cold north winds. The soil should be clean and mellow; containing some clay for body and some gravel or peat for porosity, with thoroughly worked-in fertilizer—well-rotted manure being the best. Dig the holes deep and big enough so that the roots may be naturally spread out, resting upon and enveloped by a generous amount of the prepared soil filler. Make sure all the fibrous roots are firmly packed into their new home, by sifting and tamping. Do not mound the surface, as that would divert rainfall and applied moisture. Be particular to soak the fresh planting, and never allow it to dry out, or the soil to cake. "Ever-blooming" Roses require about 18 inches planting space; June Roses, about 2 feet. The climbers need some kind of trellis support. The Rugosas, Hugonis and Native types are used just the same as shrubs; the Baby Ramblers in massed beds, or as borders and for low hedges.

In comparing prices, all we ask of you is to give quality and grade their true value. Our old customers will understand.

S & H #1 ROSE GRADE

kept stock, unexposed beyond the day or two (packed), in transit.

The finest super-grade in the Mail-Order trade. Purchasers of this grade from our cellars will get the benefits of our fresh, well-

New Swiss Rock-Garden Rose Rosa Rouletti

This altogether charming little Alpine rose was once very popular in Switzerland. Having recently regained cultivation, it comes now to us a choice rockery and edging plant. Grows 6 to 7 inches high; dense, small foliage; $\frac{3}{4}$ inch double, rose-pink flowers continuous from early summer until frost.

From 2 $\frac{1}{4}$ in. pots, 50c each, 3 for \$1.35; 6 for \$2.50.



Baby Ramblers

Blooming all summer, their brilliant clusters lay ribbons of color along the garden borders from June till fall. They seldom grow higher than 18 or 24 inches, and spread never over 2 feet.

Hedges of the thriftier kinds are now being used extensively, thus combining good low-growing hedge material with a continuous, sparkling show of flowers.



New Baby, Gloria Mundi

PRICE (Except Noted) **65c** 3 for \$1.80;
6 for \$3.30

Crimson Baby Rambler The original of this dwarf group. Border your paths and garden beds with lines of this vivid, long-seasoned, long-lived, deep crimson clustered Rose. (25 or more, by express, @ 50c).

Ellen Poulsen. Full sweet-scented clusters of dark pink. **Gloria Mundi** (New). Brilliant orange-scarlet, emphatic, clear, uniform, comparatively unfading.

Fully double. Each, 70c; 3, \$2.00; 6 for \$3.75.

Golden Salmon. Flowers large, semi-double, thickly clustered, red-salmon overlaid orange and gold; light eye.

Ideal. Notable for its freedom and rich garnet-red color. Each 75c; 3 for \$2.10; 6 for \$4.00.



See
Page 6

Eight Patented Roses

*Illustrated in true colors on front cover.

NEW HYBRID TEAS—At Postpaid Prices.

***Amelia Earhart** (U. S. Plant Patent No. 63). Large ovoid buds; the flowers very full, graduating from a deep yellow center to an outer collarette of heavily flushed cream. Very fragrant. Each, \$1.25; 3 for \$3.15.

***Countess Vandal** (U. S. Plant Patent No. 38). Long-pointed orange-copper buds, the flowers large, full, high-centered, with a rich fragrance. Brilliant pink lightened by salmon, with gilded base. Each, \$1.00; 3 for \$2.50.

***Mary Hart** (U. S. Plant Patent No. 8). An unique red sport from Talisman. The bud is maroon-red, opening to well-formed flowers of deep, velvety blood-red with an amber glow. Does not wilt or dry when cut as much as most red roses, but opens perfectly in water. Each, \$1.00; 3 for \$2.50.

Texas Centennial (U. S. Plant Patent No. 162). A new variety aptly described as "Red Hoover," differing from the splendid President Hoover only in color. Blood-red, cerise center. Each, \$1.00; 3, \$2.50.

***Token** (U. S. Plant Patent No. 95). Derived from Mme. Butterfly, it has the typical Ophelia bud; with delightful medium-full flowers showing at first the glowing tone of a rich, sun-ripened apricot, gradually changing to a final soft coral. Each, \$1.25; 3 for \$3.15.

NEW HARDY CLIMBERS—At Postpaid Prices.

***Blaze** (U. S. Plant Patent No. 10). "The Everblooming Hardy Climber." An important introduction bringing to pillar and trellis the unusual charm of plenteous clustered bloom many weeks beyond the accustomed limit for hardy climbers. Blaze unites the free all-summer blooming of Teplitz, with the fiery scarlet color of its other parent, Paul's Scarlet. Each, \$1.00; 3 for \$2.50.

Doubloons (U. S. Plant Patent No. 152). Dependable hardiness, vining vigor, and satisfying quality and quantity of bloom in a genuine yellow color, has been achieved by this fine new variety after 30 years' experimenting by its producer. The ovoid buds are deep saffron-yellow; the flowers large, double, cupped, fragrant, rich gold fading but little. Gives two liberal crops six weeks apart, if the first spring blooms have not been cut. Each, \$1.50; 3 for \$3.75.

New Dawn (U. S. Plant Patent No. 1). "The Everblooming Dr. Van Fleet." The gracious form and delicate flesh-pink color of Van Fleet almost continuous, all summer. Each, \$1.50.

A SPECIAL PRICED NEW HYBRID TEA

Mrs. Sam McGredy A beautiful coppery scarlet-orange heavily flushed with red on the outside of petals. Flowers are large, delicately perfumed, and free. Each, \$1.00; 3 for \$2.50.



Charles K. Douglas



Briarcliff



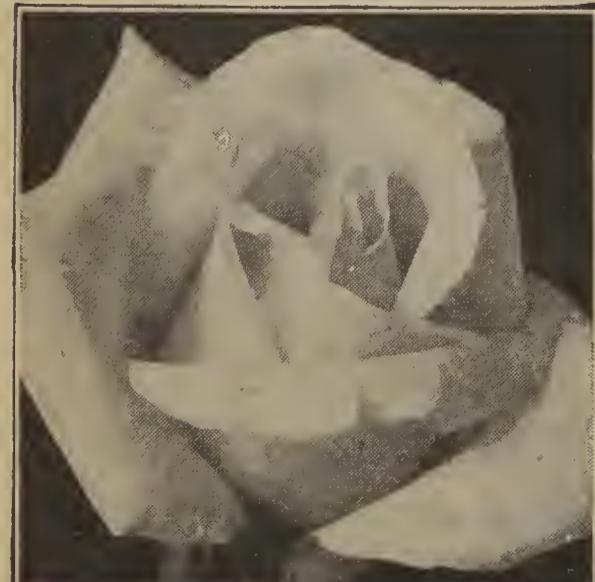
Dame Edith Helen



Joanna Hill



Radiance



White Killarney

70c EACH—
3 for \$2.00
6 for \$3.75

Everblooming Roses Postpaid

Hybrid Tea, Pernetiana

Betty Uprichard A charming type with rolling edges, a blend of deep-toned carmine with coppery orange; the interior being mostly a delicate salmon-pink.

Briarcliff. A bright, clear, Columbia rose-pink. Vigorous, hardy; dark foliage resistant to mildew.

Chas. K. Douglas. Vigorous upright growth, and liberal bloom; flaming scarlet flushed velvety crimson.

Dame Edith Helen. A magnificent, fragrant, full-bodied new rose of many substantial petals which curl back prettily, holding steadily to one vivid pink color.

Duchess of Wellington. Intense saffron-yellow stained crimson; long buds.

E. G. Hill One of the latest notable introductions. Long buds, high-centered full double flowers; dazzling scarlet maturing to deeper pure red.

Eldorado. A true yellow even to the end, having diminished in strength uniformly, from the first richness of its red-orange bud.

Etoile de Hollande A vigorous grower and free-bloomer, improving year by year (like Radiance). Flowers brilliant crimson-red. This is one of the most dependably long-lived and satisfactory for gardening everywhere.

General MacArthur. Dazzling crimson-scarlet, exquisitely perfumed.

Gruss an Teplitz. Tall, showy bedder, with reddish stems, and unlimited long season bloom; intense velvety crimson-red. On account of its long, arching stems, should be placed in the background or at center of a bed.

Hadley. Fragrant, velvety crimson-red.

Joanna Hill Buds are long-pointed, opening into large, semi-double, long-lasting flowers; clear yellow with orange-yellow heart.

Lady Ashtown. Brilliant glossy pink; a favorite garden variety.

Los Angeles. Flowers large and continuous, in color a flame-pink, toned with coral and shaded with translucent gold at the base.

Margaret McGredy Rich oriental red passing to carmine-rose, lasting a long time. Large, free, with spicy fragrance.

McGredy's Scarlet Full double flowers of large size and continuous bloom; brilliant scarlet-tipped crimson, the base orange-yellow.

Mme. Alexandre Dreux. An excellent golden yellow of deep tone, with full, shapely flowers on erect branches.

Mme. Butterfly. A symphony of cream, pink, apricot, and gold. The buds are a rich Indian red, yellow at base; a delightful element in the constant mass of bloom.

Mme. Edouard Herriot. (Per.). A glorious commingling of terra cotta, bronze, geranium-red and dull copper; fine, long, pointed buds of coral-red and yellow.

Mme. Jules Bouche. Pure white slightly blushed at center. A fine bedding type.

Mrs. Aaron Ward. Deep golden orange, shading to cream; the standard yellow, small-budded "corsage rose."

Mrs. Henry Bowles Intensely brilliant clear pink, pleasingly modified by lighter salmon-pink. The flower is perfect, with fine, firm center; the bloom free, and bush vigorous.

Radiance. Extra hardy, vigorous and prolific; one of the best all-around garden Roses. Its color is a beautiful blending of carmine-rose with shades of opal and copper.

Red Radiance. Globular, heavy stemmed, brilliant crimson. This, and the pink form, are among the most dependable garden types for hardiness and continuous, satisfactory bloom, in all sections.

Talisman The most gorgeous assemblage of colors in one flower ever presented by a rose, exhibited mostly in well-defined angular blocks: gold, apricot-yellow, blood-orange, deep pink and old rose.

White Killarney. A pure white duplicate of the charming pink Killarney. Noted for its buds, and freedom.

William F. Dreer. Soft, silvery shell-pink, at times creating a golden illusion through reflection from the base of petals which are definitely gilded.

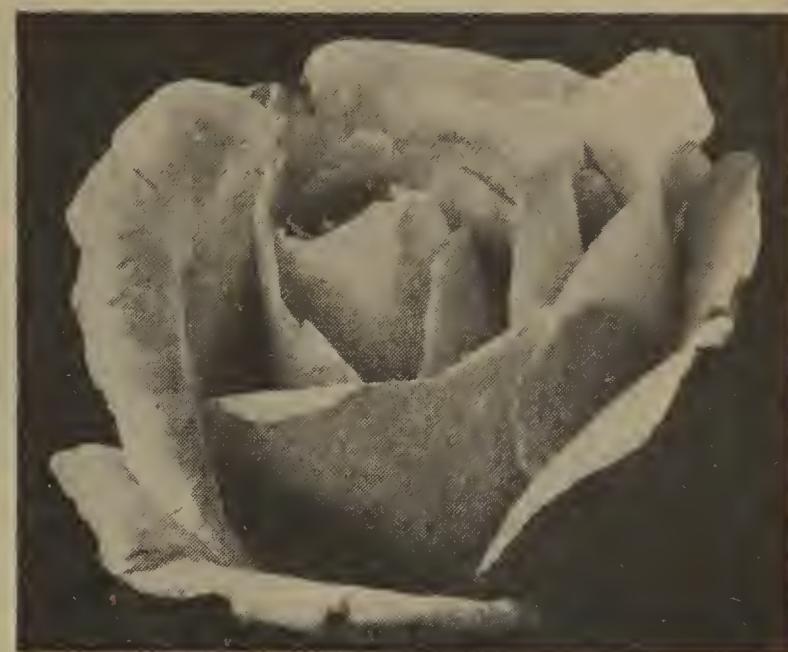
Willowmere. (Per.). A robust garden Rose of bushy habit, with beautiful buds, very large flowers and lustrous green foliage. Color rich shrimp-pink, shaded yellow at center and toning to cream-pink toward base of petals.



Souv. de Claudius Pernet



Mme. Butterfly—Page 60

Mrs.
E. P.
Thom

75c EACH—
3 for \$2.10
6 for \$4.00

EVERBLOOMING ROSES

Postpaid.

Autumn A showy new variety with fine small ovoid buds, burnt orange; the opened flowers are medium sized, double, cupped, lasting, slightly fragrant; burnt orange streaked with red.

Caledonia. A gracious pure white with extra long buds; full, high center, and great freedom.

Charles P. Kilham. Very double; blazing scarlet-orange.

Earl Haig. Remarkable fragrance, freedom, and unfading cherry-crimson color. Permanent high-built center, with thick rolling petalage.

Edel. The flowers are of noble size, deep, close-centered, with many petals; ivory at base but otherwise purest white, the broad roll of edges frost-like.

Edith Nellie Perkins An outstanding, vigorous, free-flowering variety with long-pointed buds, and long-lasting double, fragrant flowers. Oriental red shaded orange-cerise, the inside of petals a soft salmon-pink.

Feu Joseph Looymans Long-pointed buds of orange-buff, and large fairly double, free, fragrant flowers; yellow with apricot center.

Golden Dawn (New). A big, full, sturdy Australian variety. The buds straw-yellow; the perfect flowers sunflower aging to clear lemon-yellow. Very fragrant.

John Russell. Vivid red with cardinal shadings; flowers large and solid.

Kaiserin Augusta Victoria. Full double flowers; delicate creamy white; deliciously fragrant.

Lady Margaret Stewart. Gorgeously splashed buds; the high-centered flowers yellow; streaked orange and velvety red.

Lord Castlereagh. Rich, blackish crimson; fragrant, semi-double flowers quite continuously. Vigorous.

Marcia Stanhope Pure white; a long bud and full flower; an extra good white.

Mevrouw G. A. Van Rossem

A choice new kind with vivid orange and apricot buds, opening to bronzy yellow flowers shaded copper-pink.

Miss Rowena Thom Its flowers are full bodied and 5 inches or more in diameter, brilliant rose-pink, intensified by a golden suffusion at base.

Mons. Julien Potin (Golden Pernet). A magnificent one-shade yellow—deep golden yellow, growing richer in tone with maturity.

Mrs. Erskine Pembroke Thom

A new, solid yellow built like Pernet; with continuous free bloom, a perfect center, clear lemon color which does not fade, and dark, bronzy foliage.

President Herbert Hoover

Unfolding its broad, thick petals unhurriedly from the beautiful pointed bud. Vivid cerise-pink, softly flamed with yellow, orange and scarlet; this combination most emphatic on the reverse.

Red Columbia Urn-shaped buds, and rolling petals as they open. Full-blown they still retain the Columbia compactness, with profuse, bulky bloom and vivid color, crimson-scarlet with a velvet surface.

Rev. F. Page-Roberts A fine, big, colorful rose, glorious in the cooler days of autumn. A full, shapely flower, golden yellow stained red; the copper-red buds extra long.

Roslyn. Orange buds; full golden yellow flowers, with deeper center.

Schwabenland. Extremely large (5 in.) with a high spiral center, the petals curled and twisted. Luminous rich, rose-pink remaining undiminished until the petals fall.

Souv. de Claudius Pernet

A decided and comparatively unfading sunflower yellow even deeper toned at center. Its flower form is large and full with elongated petals.

Souv. de Georges Pernet. The color is a cheerful succession of reds—from orient to cochineal to carmine edge—made brilliant by a golden sheen.

Ville de Paris. Sunflower-yellow which holds fast under all weather conditions.

Wilhelm Kordes Golden yellow flushed with orange and copper-red when fresh; but a veritable sunset at the close, with a broken background, and straggling rays of red. (Illustrated on page 59.)



Edel



Edith Nellie Perkins



Betty Uprichard—Page 60



Frau Karl Druschki

Hybrid Perpetual**"JUNE ROSES"**

Brilliant with perfumed flowers, larger than the Hybrid Tea class. On account of disparity in growth and blooming season, this larger type should not be included in the same rose bed with the Hybrid Teas. Cut back annually to about 8 inches.

Unless Noted **65c EACH;** 3 for \$1.80; 6 for \$3.30 Post-paid

Frau Karl Druschki. Waxy paper-white; its bud, half opened state and maturity are exquisite. Of longer blooming season than the type, yielding its final bouquets under the first fall of snow.

Gen. Jacqueminot. Very free bloom, crimson-scarlet.

George Arends. Large, perfect; silvered pink.

Henry Nevard. Very fragrant and free-flowering; large well-formed flowers crimson-scarlet.

Mrs. J. H. Laing. Soft, delicate pink, with satin cast.

Paul Neyron. Very large, perfect; bright ruddy pink. This variety is notable for long, thick stems without thorns, and normally produces its best flower crop in September.

Ulrich Brunner. Fine form and popular; cherry-red.

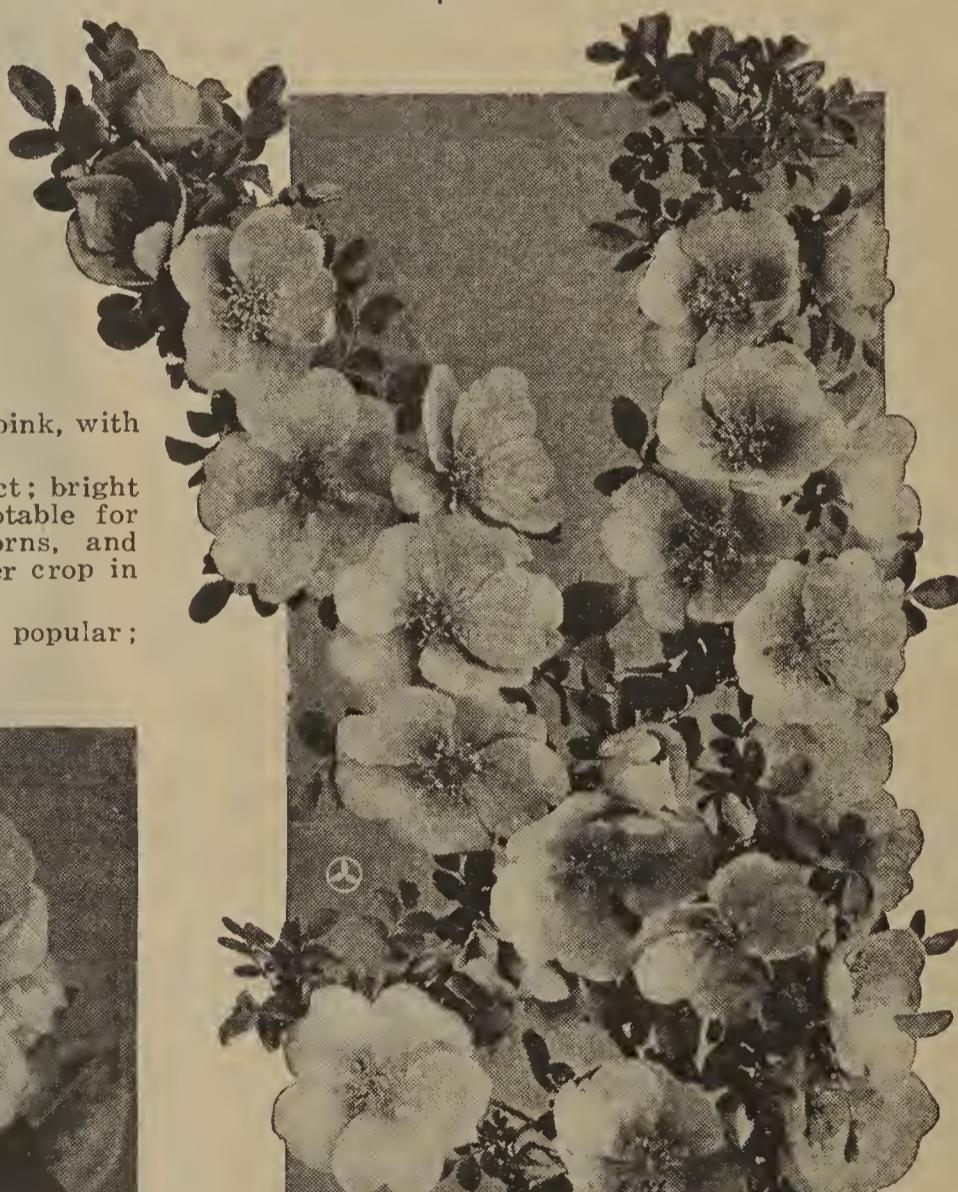


Paul Neyron (The Thornless Rose)



The Cheery Greeting of "American Pillar". (Page 63)

Mme. Albert Barbier A magnificent new variety of fully double formation, great freedom and extra long blooming season. Pearl-white suffused with blush-pink, the golden apricot glow from base and center richly illuminating. 75c each; 3, \$2.10; 6, \$4.00.



Rosa Hugonis

THE "GOLDEN ROSE of CHINA"**Rosa Hugonis**

A striking, unique, attractive shrub; at home in medium sections of the landscape groups, or conspicuously independent as solitary lawn clump. Last year's canes produce the crop of bloom, with clean, healthy foliage of the Briar type; but the new growth springing abundantly from the roots, is densely clothed in acacia-like leaves and bristles, all a reddish maroon. A matured bush may attain 6 feet in height, with corresponding spread. The sparkling buds begin to swell in April, so that early in May, Hugonis is a shimmering mound of gold. The flowers are single, flat to cup-shaped, with charming stamen tufts at center: set snugly full length of the arching canes. Their color is bright and noticeable, ranging from deep gold to canary. 60c each; 3 for \$1.65, postpaid.

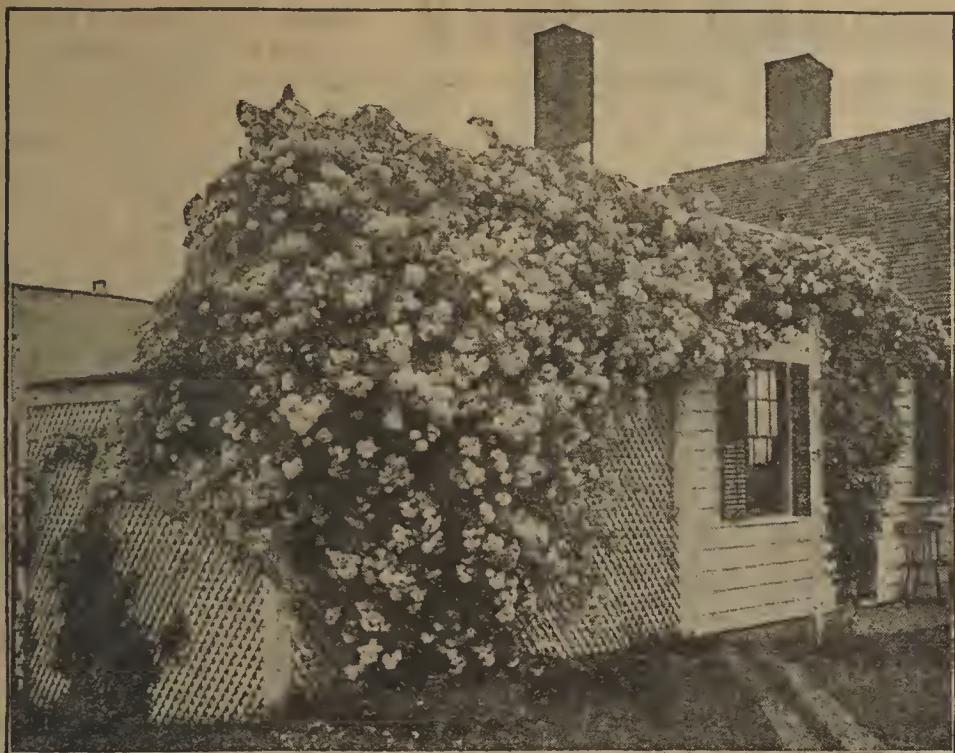
Learn About Roses

GET
THIS
BOOK

How to Grow Roses

By Robert Pyle, J. Horace McFarland and G. A. Stevens. Every step in the successful growing of roses is made clear in this how-to-do-it book. There is much expert information also about selection, planning, planting and care for them under all conditions; 211 pages, 138 pictures

\$2.15



The dependable Pink Climber—Dorothy Perkins

Hardy Climbing Roses

Including the "Ramblers" and "Climbers"

PRICE Except By mail,
Noted postpaid, **50c** Each; or **\$1.35**
3 for

American Pillar. The single flowers range from 2 to 3 inches in width, arranged in mammoth, evenly rounded clusters. Brilliant carmine-rose, with distinct creamy white sector and yellow stamens at center. A superb arch cover.

Blaze. See page 59; and front color page.

Climbing American Beauty. Bulky, double, solitary flowers, extremely profuse; bright rose-red. Strong, quick growing, healthy.

Doctor W. Van Fleet. A mass of beautiful pink buds, which open out into large, shapely, solitary flowers with stems 12 to 18 inches long; delicate flesh-white. Season, 3 weeks.

Dorothy Perkins. The ideal pink rambler; flowers densely quilled and numerous; a beautiful shell-pink.

Doubloons. See page 59.

Excelsa (Red Dorothy Perkins). Radiant, blood-red clusters.

Gardenia. The tight, very numerous little yellow buds are beautiful in early summer, the flowers opening up creamy white, jasmine scented. A choice ground cover.

Mary Wallace. Although a fine pillar Rose, it becomes self-supporting and makes an ideal door-yard bush. Semi-double, bright clear rose-pink with salmon base, often 4 inches wide, intermittent during the season.

Mme. Gregoire

Staechelin A new Spanish introduction, its flowers solitary, of good size and abundance, with moderate fragrance. Crimson at tip of the long bud, which trails through the unfolding curly petals as carmine on a body color of iridescent pearl-pink. Growth vigorous and branching, up to 12 feet; foliage large and disease-resistant. Each, 70c; 3, \$2.00.

New Dawn. See page 59.

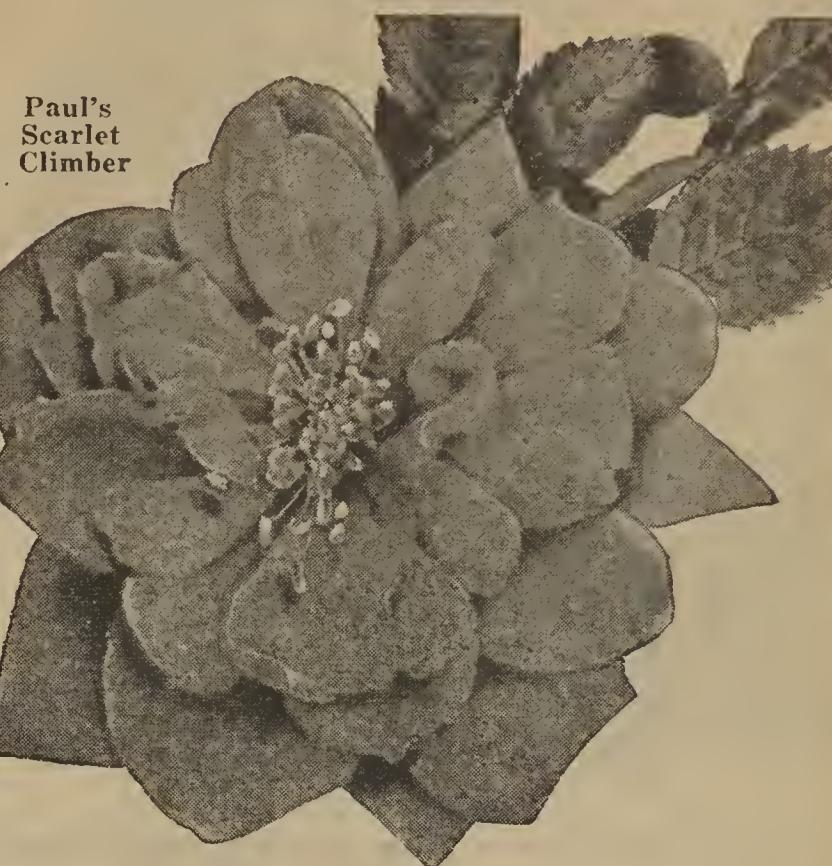
Paul's Scarlet Climber

Scarlet-shaded crimson, large, semi-double, holding after many June blooms have dropped their petals. Choice.

Primrose. A new yellow climber—unfading light primrose-yellow, small clusters of 2½-inch flowers; midseason, long-lasting, free; healthy dark glossy foliage.

Silver Moon. Four- and five-inch, semi-double flowers; pure white with thick clusters of yellow stamens.

White Dorothy Perkins. Pure white, compact clusters.

Paul's
Scarlet
Climber

Mme. Gregoire Staechelin



Primrose



Climbing American Beauty



Rosa Rugosa Rubra

**FOR
Comfort and Convenience**

IN CARING FOR ROSES

Pruning must be done to your rose-bushes every year.

Note the

Clipper Pruner

(See Page 17)

PRICE: **\$1.00**
postpaid,

Eezywear Gloves

(See Page 18)

PRICE: **75c**
postpaid,



Rosa Setigera

RUGOSA ROSES

A valuable perfectly hardy type much used in landscape work, agreeable to location in partial shade; the heavy wood and shrubby formation adapting it to hedges and hardy borders, or to mixed shrubbery groups. The foliage is lustrous, dark green, usually corrugated, and is impervious to attacks of insect pests. Fine landscape subjects.

Rosa rugosa alba. Pure white. 18 to 24 in. Each, 60c; 3, \$1.65.

Rosa rugosa rubra. Flowers deep rose, single or semi-double; followed by showy, very large orange-scarlet fruits. Dwarfing than its hybrids.

Postpaid, 50c each; 3 for \$1.35.

Special, by express collect: 25 for \$8.75.

Rosa Rugosa Type and its Hybrids

A valuable perfectly hardy type much used in landscape work, agreeable to location in partial shade; the heavy wood and shrubby formation adapting it to hedges and hardy borders, or to mixed shrubbery groups. The foliage is lustrous, dark green, usually corrugated, and is impervious to attacks of insect pests. Fine landscape subjects.

Rosa rugosa alba. Pure white. 18 to 24 in. Each, 60c; 3, \$1.65.

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Postpaid, 50c each; 3 for \$1.35.

Special, by express collect: 25 for \$8.75.

New Hybrid Rugosa Roses

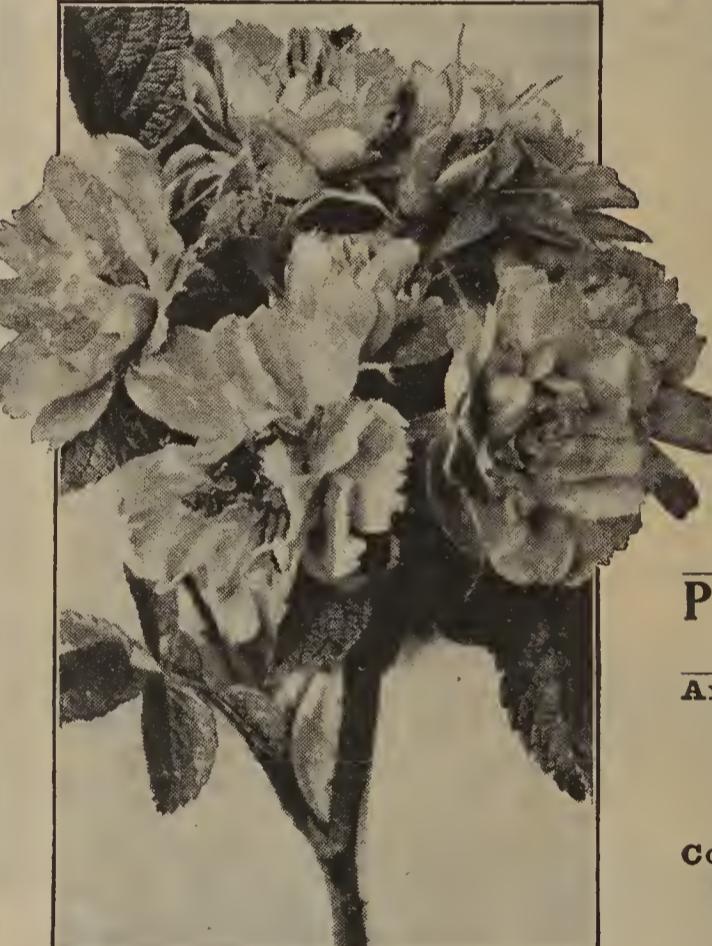
PRICE of 3 Hybrids below,
by mail, postpaid, **70c** Each; or **\$2.00** 3 for

Agnes Newest, and the only Rugosa showing a yellow color. Also sweet scented; with a profusion of early summer flowers extra large for this class. Coppery yellow buds and flowers, maturing to amber-yellow.

Dr. Eckener The newest notable addition to this class, particularly adapted to specimen shrub use, either solitary or grouped. The cup-shaped flowers are of good size, distinct from the others in its delightful color, luminous buff-pink, with golden suffusion.

F. J. Grootendorst

dorst Typical foliage and habit, of compactly bushing, moderate growth; blooms in clusters of oversized, fairly double red flowers resembling the Crimson Baby Rambler. Because it is compact, does well in partial shade and blooms an extra long time, is much used for foundation groups.



F. J. Grootendorst

Price of 2 below, **65c**
3 for \$1.80

Amelie Gravereaux. Medium, double, fragrant flowers in small groups all summer; dark purplish red.

Conrad Ferdinand Meyer. Double; delicate silver-pink. These are dainty cup-shaped flowers of large size.

Native and Shrub Roses

Pretty single flowers, and large, bright-colored berries which cling far into the winter. They are largely utilized for planting among shrubs and to cover waste ground and fences.

PRICE Postpaid,
each, **65c** 3 for
\$1.80

Blanda. (Meadow Rose). To 6 feet. Slender, reddish purple branches, almost thornless, with pale green, oval foliage. Bright rose, May-flowers.

Carolina. (Swamp Rose). Hardy in either wet or dry soil. Shrubby growth, pretty pink flowers.

Humilis (Pasture Rose). Ground cover; pink.

Rubiginosa (Sweet Brier). A shrubby type with fragrant foliage, and charming, light pink, single flowers.

Rubrifolia (Redleaf Rose). An attractive, shrubby bush type furnishing valuable foliage display of dark bronzed leaves. When in bloom, it is brightly spangled with a profusion of small single rose-pink flowers.

Setigera (Prairie Rose). Useful for massing in picturesque hillside brambles; as borders to wildwood drives; as filling for dead corners; and with equal harmony, as a congenial mixer with shrubs and in single specimens. Setigera is a good fence and trellis climber, or occasional clipping will make a satisfactory bush. Large single flowers of rose-pink.



Regal Lilies. See page 58



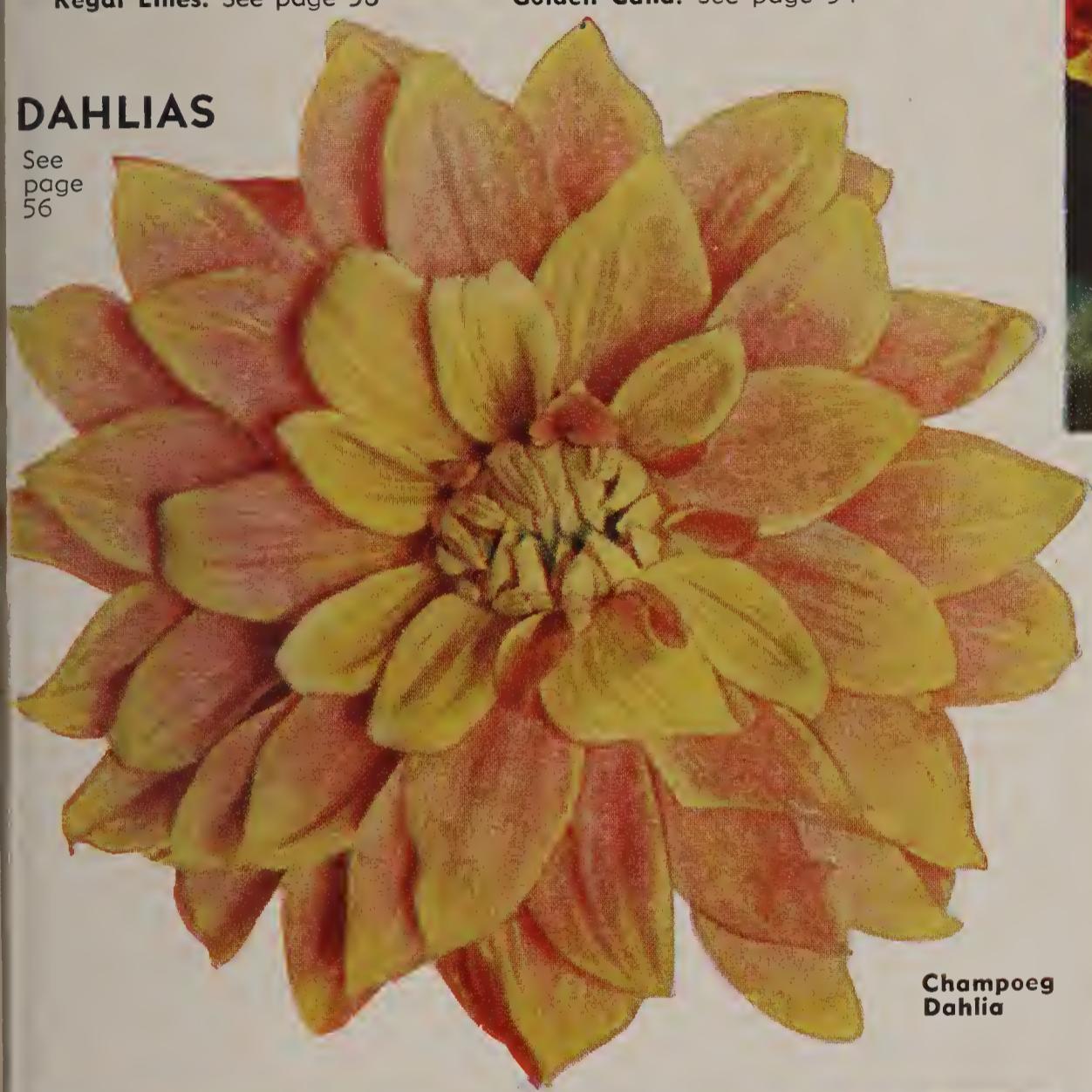
Golden Calla. See page 54



Rosemond Coles Canna. See page 55

DAHLIAS

See
page
56



Champoeg
Dahlia



Sunrise
Gloriosa

WATER LILIES See
page 53

Rose Arey
Gladstone



Ave Maria



Red Phipps



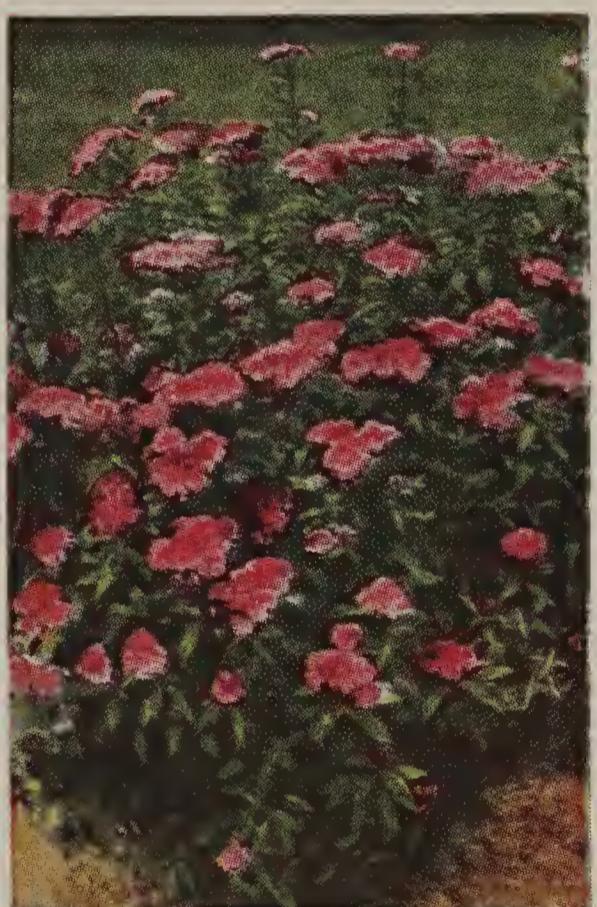
Red Barberry. Page 65



Hydrangea P. G. Page 67



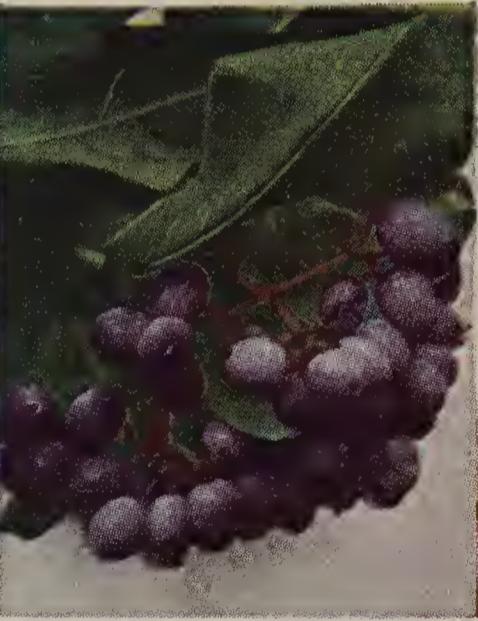
Purple Lilac (Vulgaris). Page 68



Spirea Anthony Waterer. Page 70

**POPULAR
LANDSCAPE SHRUBS**

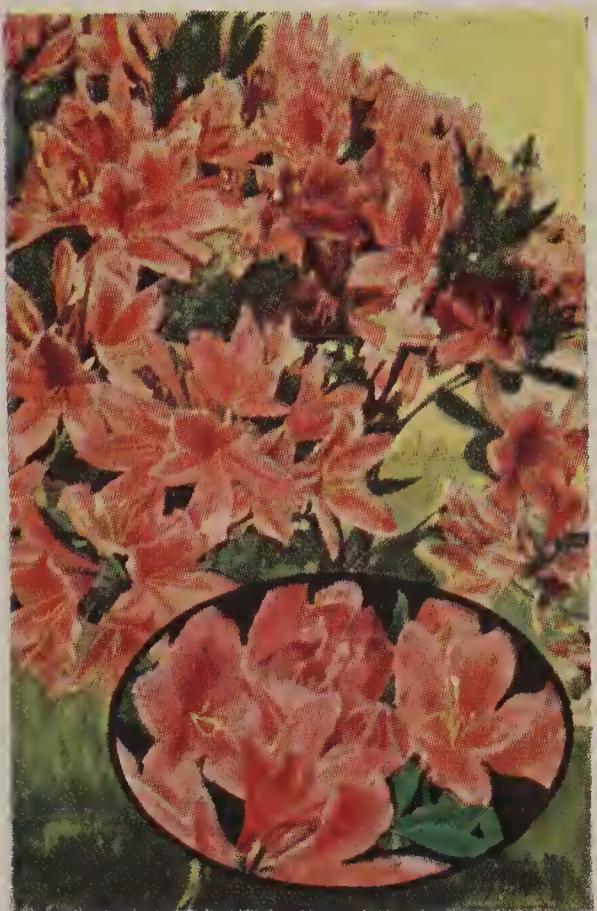
Consult pages 65 to 74.



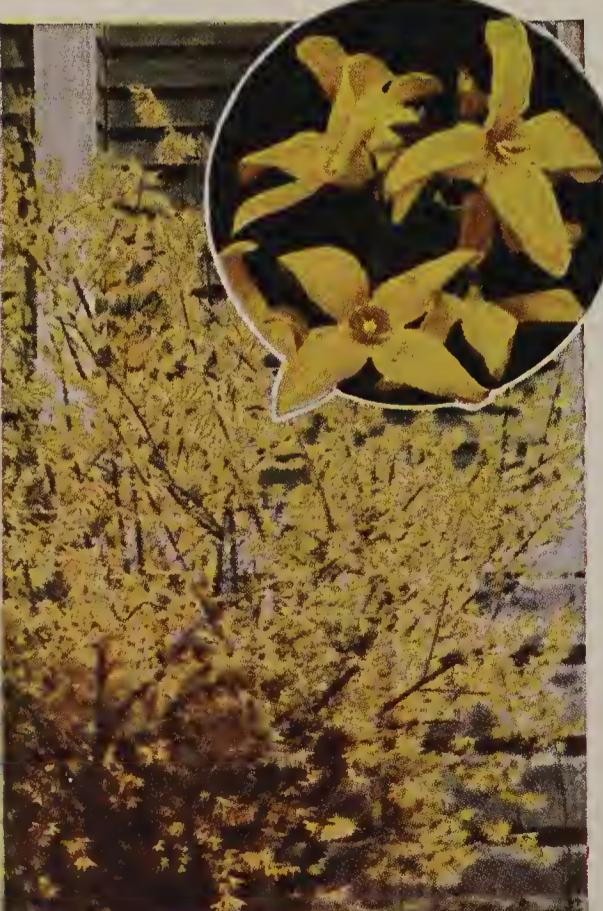
Viburnum Cassinoides. Page 71



Philadelphus Virginal. Page 68



Azalea Mollis. Page 74



Forsythia Spectabilis. Page 67



Weigela Eva Rathke. Page 72



Flowering Almond



Barberry Thunbergi



Rose of Sharon

ORNAMENTAL HARDY DECIDUOUS SHRUBS

Sent by Express or Freight, charges collect. 6 at 12 rate; 25 at 100 rate; 250 at 1000 rate, if listed.

ALMOND. Early spring flowering shrubs, gaily in full bloom before the leaves appear, with beautiful, double flowers of rose or white, snuggling tight to the twigs.

Double Pink. 1½ to 2 feet, 50c. 2 to 3 feet, 70c.

ALTHEA (Rose of Sharon). Bloom late in August and September, with a profusion of large and brightly colored flowers much like the tender Hibiscus in form.

—**Double Rose, Double White, Double Purple, and Double Red.**

Bush Form—1½ to 2 feet, 35c each; 6 for \$1.80.

2 to 3 feet, 45c each; 6 for \$2.25.

Tree Shape—3 to 4 feet, 65c each; 3 for \$1.80.

—**Variegated Leaved.** This is one of the handsomest variegated leaved shrubs that grows. The Althea foliage is always attractive, but nothing else can equal its charm when broadly blotched and banded with cream and silver; the flat, red flower-buds conspicuous.

2 to 3 feet, 60c each.

ARONIA arbutifolia (Red Chokeberry). Upright to 6 feet; very pretty in April and May with an abundance of white flowers; its fall foliage and fruits a bright red, carrying well into winter. Useful in damp locations.

1½ to 2 feet, 75c each; 3 for \$2.10.

AZALEA mollis. See Evergreen Shrubs, page 74.

BUDDLEIA "BUTTERFLY BUSH"

Also "Summer Lilac"

Of quick bushy growth; when the lovely bloom-spikes appear in July, the shrub, which had probably died down nearly to the ground during winter, is now a perfect, well-branched specimen of about 5 feet; radiating a delightful perfume and glowing with tints and shape of the spring Lilacs.

Hartwegi (Introduced now for the first time). This new variety has proved its superior hardiness; is a thrifty, compact bush with extra heavy, dark green foliage. Its value as a cut-flower type is outstanding. The bright lavender flowers are densely set on the panicles which open complete from the tip downwards. Very free. 2¼-inch pots, by mail, postpaid, 75c each; 3 for \$2.00.

Ile de France (Illustrated on back cover). A sensational new variety, of more uniform moderate growth, and greater brilliance of color in the bloom. Thick flower spikes 6 to 9 inches long, sweetly fragrant; rosy purple with a deep violet suffusion. 2-yr., 50c each; 3 for \$1.35.

MAGNIFICA. This variety is one of the hardest for all sections. Flower spikes 10 inches in length by 3 inches in diameter are not unusual. Color deep violet-rose or lavender, with a pronounced orange center; the margins of petals neatly reflexed. 2-yr., 35c each; 3 for \$1.00.



Specimen Columnberry

HARDY DECIDUOUS SHRUBS

Sent by Express or Freight, charges collect. 6 at 12 rate; 25 at 100 rate; 250 at 1000 rate, if listed.

BARBERRY (Berberis)

JAPAN BARBERRY (Thunbergi). The ideal low hedge plant—hardy, tough, impervious; of dense growth; adapted to shearing. Daintily small and profuse foliage, beautiful alike in summer greens and autumnal crimson. The plentiful racemes of red fruit are resplendent on winter-bared branches. It is customary to set the plants about 12 to 15 inches apart for a tight hedge, but 2 feet is close enough where individual expression is desired.

	12	100	1000
12 to 15 inches	\$2.00	\$14.00	\$120.00
15 to 18 inches	2.50	17.00	150.00
18 to 24 inches	3.25	22.00	180.00

RED LEAF BARBERRY (Atropurpurea). A brilliant accent shrub as solitary specimen or in a close group amidst duller foliage. An exact reproduction of Thunbergi in every respect except color; this variety starting off in its first foliage a warm bronzy red; the heat of summer intensifying its red brilliancy; autumn adding other tints to its richness. The abundant scarlet berries persist throughout winter along the dense network of spiny twigs. A sunny exposure is necessary for color. (See Color page F).

	Each	12	100
12 to 15 inches	\$0.35	\$3.60	\$25.00
15 to 18 inches	.50	5.00	35.00

BOX-BARBERRY (B. compacta). An improved Thunbergi type, its foliage so round and dense, and its growth so evenly compact, it bears a striking resemblance to Boxwood.

Slower, lower growing and denser than Thunbergi.

	Each	12	100
9 to 12 inches	\$0.35	\$3.60	\$25.00
12 to 15 inches	.50	5.00	32.00

2 New BARBERRIES

Truehedge Columnberry

U. S. P. Patent No. 110. The new "Ready Made Hedge." Upright in form, of uniform density, foliated to the ground. No pruning needed to keep a formal face and height. Resembles Boxwood; and is quickly becoming popular. See the example in color on back cover.

	Each	5	25
9 to 12 inches	\$0.30	\$1.15	\$ 4.50
12 to 15 inches	.35	1.40	5.75
15 to 18 inches	.45	1.75	7.50
18 to 24 inches	.60	2.25	9.75

Mentorensis U. S. P. Patent No. 99. "The Evergreen Barberry." Compact, vigorous growth, with lustrous dark green leaves. These remain practically all winter, purplish bronze against the snow or frozen ground. Very desirable.

	Each	3	12
12 to 15 inches	\$0.60	\$1.50	\$4.75



Cornus Elegantissima



Cornus Sibirica, Coral Dogwood



Golden Elder

CALICARPA purpurea (Beauty Berry). A pretty shrub from 1 to 4 feet, more at home south of the Ohio, but practical in the North if given a sheltered position and winter protection. It blooms profusely during August with small axillary clusters of pink flowers, these followed by berry-bunches colored a light violet. If top should freeze, young shoots will come up and flower and fruit the next season. 1½ to 2 feet, 45c each; 3 for \$1.25.

CALYCANTHUS (Carolina Allspice). A unique shrub growing upright to 6 feet, clothing its straight, strong reddish brown shoots with large glossy leaves, from the axils of which spring odd, double, spicily fragrant flowers of chocolate-red. 1½ to 2 feet, 40c each; 3 for \$1.10.

CLETHRA alnifolia (Sweet Pepper Bush). A handsome dwarf shrub, delightfully fragrant in August and September when covered with long showy wands of creamy white flowers. 1½ to 2 feet, 60c each; 3 for \$1.65.

CYDONIA japonica (Japan Quince). Scarlet flowers early in spring followed by small, quince-shaped fruits which are quite fragrant. The foliage is dark and shiny; growth bushy and dense; for medium filling, or pruned foreground. 1½ to 2 feet, 45c each; 3 for \$1.25.

DESMODIUM penduliflorum (Purple Bush Clover). Half-shrub, the long canes of each season's growth usually winter-killed. These stools become stronger, throwing up more shoots and forming a thick shrub 2 to 5 feet high, in showy late summer bloom. Arched branches, with long, close, drooping racemes of liquid purple-magneta pea-like flowers. 2-year, 55c each; 3 for \$1.50.

EUONYMUS alatus (Winged Burning Bush). A tall shrub, with corky winged branches; a fine shrub for solitary plantings, as well as for massing, the rich red and crimson of its leaves being very showy in autumn. 1½ to 2 feet, 50c; 3 for \$1.35.

EXOCHORDA grandiflora (Pearl Bush). It grows vigorously; and can be trimmed to any desirable shape. The early buds look like pearls strung on slender threads, May opening them up to long, gleaming sprays of pure white. 2 to 3 feet, 45c each; 3 for \$1.25.



Deutzia Gracilis



Deutzia Magnificata

GOLDEN ELDER (Sambucus aurea). Big broad leaves as yellow as gold, making conspicuous punctuation among the dark-leaved tall shrubs. 1½ to 2 feet, 45c; 3 for \$1.25.

CORNUS (Bush Dogwood)

The shrubby Dogwoods are mainly valuable for the brilliancy of their bark and berries, and variegated foliage. All varieties do well in shade. Much used for an expanse of green foliage, the fall fruits calling a welcome assemblage of birds; and the tangled mass of highly colored twigs enlivening the prevailing somberness of shrubbery in winter.

Elegantissima variegata. Purplish red branches and beautiful silver variegated foliage. This is one of the choicest variegated-leaved shrubs, capable of refined compact shape by pruning, of value both summer and winter. 1½ to 2 feet, 60c each; 3 for \$1.65.

Lutea. A striking yellow branched form of Stolonifera, very satisfactory for contrasting. 1½ to 2 ft., 55c each; 3, \$1.50.

Paniculata (Gray Dogwood). Unusually compact; showing a profusion of good sized white flowers in June. Berries white, on noticeably red stems. Bark and under side of leaves gray. 1½ to 2 feet, 60c each; 3 for \$1.65. 2 to 3 ft., 75c each.

Sibirica (Coral Dogwood). A useful "filling" shrub, with clusters of fine white flowers; white berries; stem and branches turning to blood-red in winter. 1½ to 2 ft., 45c each; 3, \$1.25. 2 to 3 ft., 60c each; 3, \$1.65.

DEUTZIAS

Shrubs which vary considerably in height and habit, but bloom alike in dainty bell or tassel-shaped flowers, borne thickly in wreaths along their branches in June.

Gracilis (Slender Branched). Dwarf growing, dense, bushy, its drooping branches wreathed with pure white flowers in May. This is the best type for edging, growing not much over 2 feet high; and standing partial shade very well. 12 to 15 inches, 30c each, 12 for \$3.00; 25 for \$5.00. 15 to 18 inches, 45c each, 12 for \$4.50; 25 for \$7.50.

Lemoinei. Large flowers of pure white, borne in cone-shaped heads. The next step-up from Gracilis, in height. 18 to 24 inches, 45c each; 3 for \$1.25.

Magnificata. This is one of the handsomest and most conspicuous of all Deutzias. It grows tall and bushy like Crenata, with the largest florets, fullest trusses and most double petalage to be found in the family. 2 to 3 feet, 40c each; 3 for \$1.10.

Pride of Rochester. The best known variety, blooming in May before the others. Flowers large and free, double, white. A little past medium height, but compact grower. 2 to 3 feet, 40c each; 3 for \$1.10.

BOOKS

(See Page 18.)

If you want to know more about shrubs and vines—how to plant, prune, etc., get **The Book of Shrubs** (Alfred C. Hottes). \$3.15. If you want advice and illustration about planting, get **Landscaping the Small Home**, \$1.15.



Pink Tatarian Honeysuckle

FORSYTHIA GOLDEN BELL

Tall and spreading; lighting up the garden with glinting masses of yellow, very early in spring before the leaves appear. The upright forms make excellent tall hedges, and are bright-hued fillers for massed shrub groups.

Fortunei. Similar in bloom to the variety *Suspensa*, but it is thicker, of upright growth, and tallest of the group.

Spectabilis. Broad, heavy flowers. It is midway in bush character between the upright *Fortunei* and slender, drooping poise of *Suspensa* (See Color page F).

Suspensa. Very long, slender, incurving branches, adapted to arches and trellises, as well as foreground filling.

3 varieties above:

PRICE 2 to 3 feet, 45c each;
3 for \$1.25; 6 for \$2.25.

FRINGE

Purple (*Smoke Bush*; *Rhus cotinus*). A conspicuous spreading shrub or small tree with large round leaves; overhung in midsummer by mistlike clouds of tiny flowers. These billowing panicles are a light lavender when fresh, very persistent, and give the impression of smoke at a distance. 1½ to 2 ft., 90c.

White (*Chionanthus virginica*). A very showy shrub, growing to large size; with large leathery, shiny leaves, and lacelike white flowers borne in gracefully drooping panicles. Although tree-like in character, the branches and heavy foliage are usually well furnished close to the ground, making a broad and rounded bush of noble proportions. 1½ to 2 ft., 60c. 2 to 3 ft., 75c.

HALESIA tetraptera (*Silver Bell*). A little tree or large shrub, with large, dark green leaves. In May while the leaves are yet small, its branches are hung thickly with white or pinkish drooping bells about an inch long, followed by large and curious winged seeds. This is really one of the most charming shrubs of the springtime, and should be more liberally planted. 2 to 3 feet, 45c each; 3 for \$1.25.

ILEX verticillata (*Winterberry*). Small June flowers and darkly lustrous foliage, with sparkling masses of crimson fruits in October, which last far into winter. This variety must not be confused with certain other *Ilex* which are broad-leaved evergreens. The leaves drop off for winter, revealing rather dense, slender stems, rather black. 1½ to 2 feet, 50c each.



Hydrangea, "Hills of Snow"

**HONEYSUCKLES
BUSH LONICERA**

Starry flowers followed by bright berries that last through the fall. Make bulky screening hedges, groups or specimens.

Japanese (*Lonicera Morrowi*). A rounded, spreading variety; blooms early in spring with creamy white flowers; later brilliant with a vast expanse of crimson fruit.

Pink Tatarian. Largest rose-pink flowers in abundance, and fresh green, rounded foliage; the most noticeable.

Red Tatarian. Light crimson flowers in early summer; abundant red fruits.

White Tatarian. White to creamy white flowers; fairly upright growth.

Winter (*Lonicera fragrantissima*). Early pink and white fragrant flowers; lustrous oval foliage retained all winter if somewhat sheltered. 2 to 3 feet only.

All above varieties:
PRICE 2 to 3 ft., 50c each; 3 for \$1.35.
3 to 4 ft., 65c each.

HYDRANGEA

Arborescens grandiflora ("Hills of Snow"). The flowers are similar to the familiar "Snowball"; pure white drying to bronze, remaining on the bush. July to September. The leaves are rounded and plentiful; the bush is compactly rounded. These are good subjects for outlining a curve in the driveway.

Each	3
1½ to 2 feet	\$0.55 | \$1.50
2 to 3 feet .....	.65 | 1.75

Paniculata grandiflora. Large beds, or units used as punctuation points, and kept at a uniform development, are extremely showy; first snowy white, then pink, then reddish bronze and green. August till autumn. The growth of this and A.G. should be cut back to the crown each year. (See Color page F).

Both:	Each	6
1½ to 2 feet	\$0.45 | \$2.40	
2 to 3 feet .....	.55 | 3.00

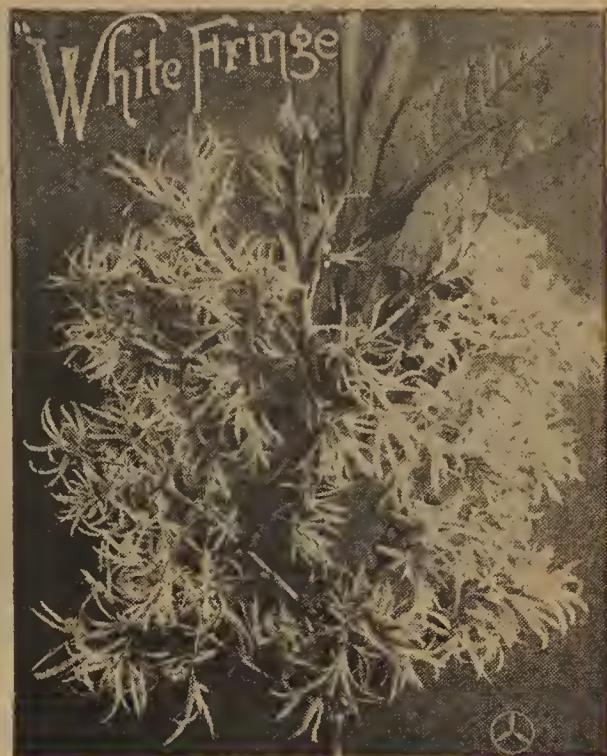
Tree Shaped (P. G.). Very desirable in formal lines and backgrounds, or solitary. The spreading head of green leaves and flower wands are all up above the straight bare trunk, thus allowing a close planting of dwarf shrubs beneath.

2½ to 3 feet, \$1.00 each; 3 for \$2.75.

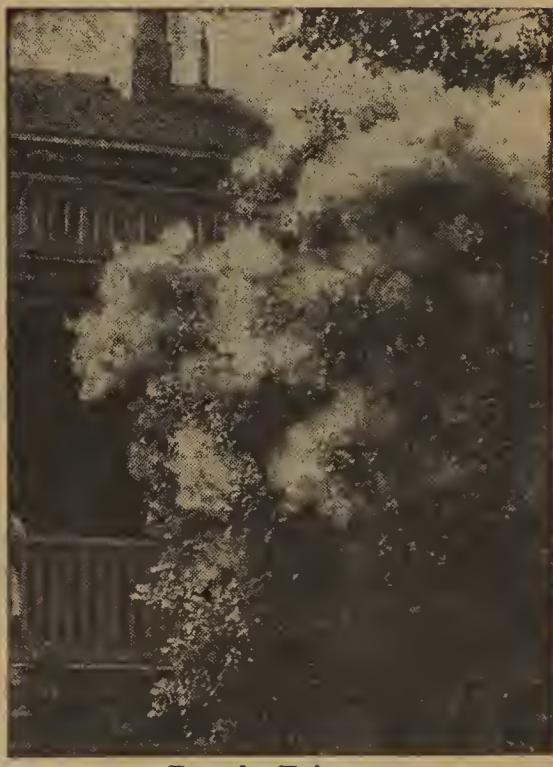
KERRIA

Japonica. A handsome shrub, both leaves and stems bright green, growing 4 to 5 feet. Graceful, slender, drooping branches, painted with a wealth of rich dark yellow single flowers in June, and to some extent all summer.

1½ to 2 feet, 70c each; 3 for \$2.00..



Chionanthus Virginica



Purple Fringe

**KOLKWITZIA
BEAUTY BUSH**

Amabilis. A charming new shrub, with attractive leaves and gracefully arching branches. The beautiful flowers appear in great profusion during June, in pairs which cluster closely into cymes of about twenty-five; bell-shaped and somewhat lipped, pale pink with orange veins in the throat. Each 3

1½ to 2 feet	\$0.65 | \$1.75
2 to 3 feet .....	.75



Flowers of Beauty Bush

FRENCH LILACS



Viviand - Morel



President Carnot



Violetta

NEW FRENCH LILACS

Georges Bellair (D). Dark purple.**Oliver de Serres (S).** Immense panicles on strong stems; tender lilac-blue.**Reaumur (S).** Heavy trusses, the petals continuously incurved; indigo-blue, tube and reverse carmine-rose.**Ruhm von Horstenstein (D).** Mammoth flowers, much branched; brilliant lilac, from deep red buds.**Violetta (S).** Dusky violet-blue; in inch-wide, 8-petaled florets.**PRICE** 1½ to 2 feet, 80c each; 3 for \$2.25.
2 to 3 feet, \$1.00 each.

LILACS [Syringa]

Vulgaris Purple. Most suitable for tall hedges and in shade. (See Color page F). 2 to 3 ft., 35c each; 6 for \$1.80; 25 for \$6.25.**Vulgaris White.** Tall, slender and fragrant.**Josikaea** (Hungarian Lilac). Erect growth, dark shining leaves; purple flowers in June.**Persian Purple.** Medium growing with slender branches and narrow leaves; a choice foundation subject. The extremely free bloom matures bright pink.

Three above: 2 to 3 ft., 55c each; 3 for \$1.50.

French Named Lilacs Perfected flower types, in form, color and size. Single flowered marked (S); double-flowered (D).

General Price:

	Each	3
1½ to 2 feet	\$0.70	\$2.00
2 to 3 feet .....	.85	2.40
3 to 4 feet	1.00	

—**Alphonse Lavallee (D).** Broad panicles, violet-blue.—**Belle de Nancy (D).** Great panicles of satiny rose-white.—**La Tour d'Auvergne (D).** Of notable strong growth; flowers large, violet-purple.—**Marie Legraye (S).** Pure white.—**Michael Buchner (D).** Dwarf and stocky. Delicately beautiful trusses of pale lilac color.—**Mme. Lemoine (D).** Pure white.—**Negro.** Single. Loosely built, long panicles with deep tube and wide bells; heavy violet overcast with wine-red.—**Obelisque (D).** Full, compact clusters; pure white.—**President Carnot (D).** Distinctly separate narrow petals in wide-open flowers; pale blue and white, in large clusters of alternating open flower, and deep toned damask bud.—**President Grevy (D).** Slender tube and scapes of rosy mauve, the open face a prettily contrasting bright blue.—**Souv. de Ludwig Spaeth. (S).** Darkest of the blues—a deep purplish shade—in long panicles.—**Viviand-Morel (D).** Intermingled blue and white petals, reverse deep purplish rose.

VIRGINALIS



The Most Fragrant Mock Orange

PHILADELPHUS
[Mock Orange]

One of the best shrubs, the taller growing sorts largely used for hedges. The flowers are very profuse, similar to strawberry blossoms but larger, white with usual creamy tinge and prominent yellow stamens; mostly fragrant.

Aureus (Golden Syringa). Valuable for contrastive grouping, the best medium golden leaved shrub.

| Each |	3
15 to 18 inches .....	|\$0.45| \$1.25
18 to 24 inches .....	.55| 1.50

Bouquet Blanc. Close set bunches of double flowers; each branch a veritable bouquet; one of the best types for medium height hedges, corresponding in effect with the well-known utility of Spirea Van Houttei.

1½ to 2 feet, 40c each; 3 for \$1.10.

Banniere. Tall, branching, very early. Large, semi-double, snow-white flowers in profusion.

Coronarius. Blooms in May, in very graceful sprays; tall, slightly scented. This variety is most used for backgrounds and hedges requiring screening height.

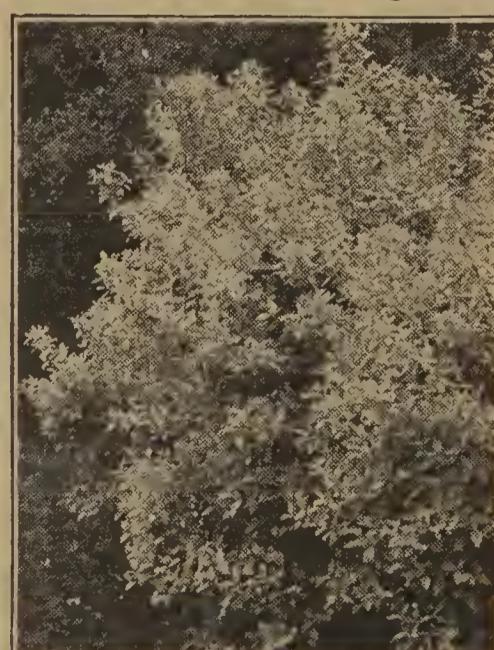
Norma. The single flowers are of great individual size, strung freely along full length of upright stems; white with pale gold stamens. This is the most slender of the group, corresponding in effect to the Flowering Cherry Ama-no-gawa among the trees.

Ophelia. Very fragrant, crinkly, mostly double flowers; flesh-white with white gold stamens. Medium.

| Each |	3
2 to 3 feet .....	|\$0.50| \$1.35

Virginal. The bush grows moderately tall, with good foliage and compact habit. The flowers are the largest, handsomest, most sweetly fragrant, and with longest blooming season, of any known variety. You will now find it occupying more corners in front of porches and house foundations than any other shrub; its character, persistent bloom and exquisite scent adapting it to that purpose. An interesting feature is that there may be single, semi-double and fully double florets on the same panicle. Also, after the first grand floral display, the bush is seldom thereafter without some show of bloom.

| Each |	6
1½ to 2 feet .....	|\$0.35| \$1.80
2 to 3 feet .....	.45| 2.25



Golden Mock Orange

Buckthorn Hedge—*Rhamnus Cathartica***PRIVET [Ligustrum]**

Privets are our best hedge plants, and make richly green foliage backgrounds against foundation walls. Almost evergreen, of dense compact habit; useful in shaded places. To plant a single row, set them 6, 8 or 12 inches apart; for a double row, about 18 inches apart each way and alternately. Cut them back severely when planting. Hedges should be sheared two or three times during the season. More and more, the various types are being used as regular shrubs in groups to obtain the benefit of their persistent green foliage, and for the rather charming flower-panicles, and fragrance.

PRICES:

	12	100	1000
California —			
12 to 18 inches	\$0.85	\$ 4.00	\$32.50
1½ to 2 feet	1.00	6.00	45.00
2 to 3 feet	1.20	8.00	65.00
Amurense			
12 to 18 inches	1.20	8.00	70.00
1½ to 2 feet	1.60	12.00	100.00
2 to 3 feet	2.00	15.00	130.00
Ibolium			
12 to 18 inches	1.20	8.00	65.00
1½ to 2 feet	1.50	11.00	90.00
Ibota (Japanese) —			
12 to 18 inches	1.60	12.50	110.00
1½ to 2 feet	2.40	18.00	150.00
2 to 3 feet	3.00	24.00	200.00

Amoor River (*L. amurense*). A hardy northern grown type, vigorously upright and tall growing. The leaves are dark.

California (*L. ovalifolium*). Quick growing, straight, densely clothed shoots; the foliage in precise arrangement, a dark shiny green; most used where hardy.

Ibolium. A hybrid of Ibota and Ovalifolium, with lustrous foliage; remarkably sturdy and cold-resistant. Replaces Ovalifolium in general use throughout the middle west.

Japanese (*L. ibota*). Makes up into striking tall clumps, or informal screening hedges, with widespread curving branches; very vigorous and hardy; grayish green.

PRUNUS [Flowering Plum]

Cistena (Purple Leaf Sandcherry). Dwarfer than the other purple plum varieties, more compact, with glossier leaves and much more red in its purple color. 2 to 3 feet, 70c; 3 to 4 feet, \$1.00.

Newport. A new purple-leaved Plum of greater refinement and slower growth, the leaves smoother and more richly colored; at first strongly reddened, maturing to a still red tinge in the deep bronze-purple of late summer. Flowers rosy white, ornamental fruits magenta-red. 3 to 4 feet, 75c. 4 to 5 feet, \$1.00.

Triloba (Double Flowered Plum). Very early in spring, before its leaves appear, the small tree is decked in a fleecy cloud of very double light pink blossoms. 1½ to 2 feet, 50c each; 3 for \$1.35.

RHAMNUS cathartica (Buckthorn). A dense, twiggy bush for backgrounds, with dark foliage relieved by masses of midsummer white flowers followed by red to black berries. Buckthorn is most commonly used, however, as a medium height, pruned, both ornamental and protective hedge.

[Each] 6	25
\$0.50	\$2.50
\$8.75	

2 to 3 feet



Rhodotypos—White Kerria

RHODOTYPOS kerrioides (White Kerria). An attractive shrub 3 to 6 feet high, with beautiful yellowish green corrugated foliage and large, single white flowers late in May, black seeds following. A good shrub for semi-shade.

[Each]	3
1½ to 2 feet	\$0.40
2 to 3 feet	\$1.10 .50 1.35

RHUS [Sumac]

Picturesque, gnarly, wind-bent rows of Sumac blazing redly in autumn with both painted leaves and gorgeous fruits, are familiar landmarks in every country side.

Aromatica (Fragrant Sumac). Grows 2 to 4 feet tall; flowers yellow, in clusters along the stems, followed by red berries in June. Leaves color to brilliant scarlet. 1½ to 2 feet, 75c each; 3 for \$2.10.

Typhina (Staghorn Sumac). Picturesque and rugged. Grows quite tall. Its flowers are borne during June and July in dense terminal panicles, followed by impressive red fruits.

Typhina laciniata (Cut-Leaved Sumac). Similar to foregoing except its leaves are deeply cleft, which, if bush is pruned, mingles the various angled fronds in a delightful "fern" effect.

Two above: 2 to 3 feet, 55c each; 3 for \$1.50.

SNOWBERRY (Symphoricarpos)

Valuable shrubs, 3 to 5 feet, highly valued for use in densely shaded situations and for the striking beauty of their leaves and bright, persistent fruits.

Snowberry (*S. racemosus*). Inconspicuous, rose-colored flowers in June and July, followed by large, round, clustered, milk-white fruits which remain far into winter. The leaves are oval and glaucous green.

Coralberry (*S. Chenaultii*). Also called "Red Snowberry", and "Indian Currant." Similar to Snowberry except that its long, slender fruits are bright coral-red, clustering in thick ropes along the weighted-down stems; also, the smaller leaves are dark.

Both Kinds:	[Each]	6
1½ to 2 feet	\$0.35	\$1.80
2 to 3 feet .....	.45	2.25

SORBARIA

Handsome soft-wooded shrubs of quick development; partial to rich, moist soil and moderate shade. In dryer soil not heavily fertilized, they make fine subjects for foundation screens or medium height backgrounds for dwarfer shrubs.

Sorbiifolia (False Spirea). Upright, with many arching branches and fresh green leaves like the mountain ash. Profuse bloom, June-July, in long feathery panicles, pure white. 2 to 3 feet, 45c each; 3 for \$1.25.



Sorbaria



Spirea Thunbergi



Spirea Billiardi



Spirea Van Houtte

SPIREA

The most varied in form, growth, character and bloom of any shrub family, no two kinds alike.

DWARF FORMS—2 to 3 Feet.

Anthony Waterer. Beautiful dark small foliage; dense rounded growth; and large, brilliant rosy crimson corymbs, at its best in midsummer. More of this variety is used for foundation plantings and low borders, than any other dwarf shrubs. Plant about 2 feet apart. (See Color page F).

Callosa alba. Large, flat clusters of white flowers, nearly all summer.

Both:

	Each	6	25
12 to 15 inches	\$0.25	\$1.25	\$4.00
15 to 18 inches	.30	1.50	5.50
18 to 24 inches	.35	1.80	6.75

TALLER SORTS—4 Feet and Up.

Arguta multiflora (Snow Garland). A slender, upright shrub, with branches a snowy mass in early May. First Spirea to bloom, in wavy vertical lines, flat white.

Billiardi. Numerous dense upright terminal panicles of rich, lilac-pink, fuzzy flowers from July on.

Opulifolia. Growth upright, attaining up to 8 feet, although the white heavy flower umbels in June make the branches droop; old flower heads turn to dark red, and make a striking variety of colors at different stages of maturity.

Golden Spirea—*Opulifolia aurea*

Opulifolia aurea (Golden Spirea). Of similar habit to above, with young foliage of bright yellow changing to golden bronze in the fall. The contrasting red fruit is very pleasing.

Four Foregoing Kinds:

	Each	6
2 to 3 feet	\$0.40	\$2.00
3 to 4 feet	.50	2.50

Prunifolia fl. pl. (Bridal Wreath). Plum-leaved foliage which early in autumn turns to brilliant red. Blooms early, even before Van Houtte, with clusters of small button-like double white flowers.

	Each	6
2 to 3 feet	\$0.45	\$2.25
3 to 4 feet	.55	2.75

Thunbergi. Forms a dense feathery bush, 3 to 5 feet high; the foliage, which is a light yellowish green, changes in autumn to bright red and orange. White clustered flowers in early spring. 1½ to 2 feet, 40c each; 6 for \$2.00.

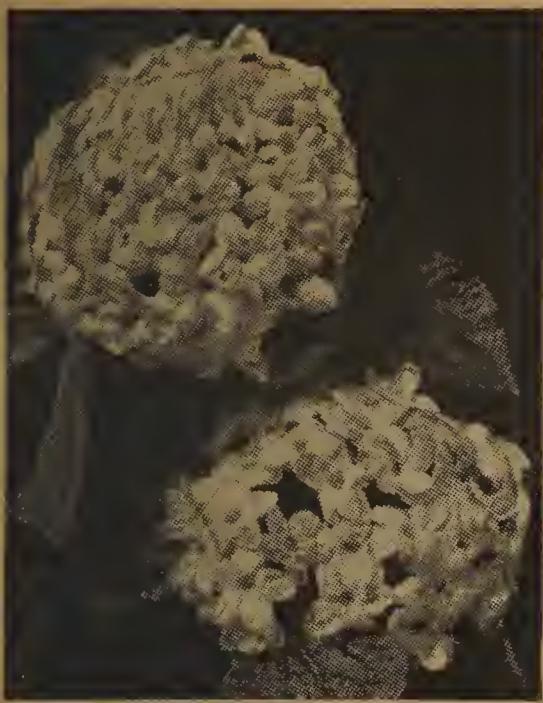
Trichocarpa (Korean Spirea). A handsome new introduction favoring Van Houtte in character, but with interesting differences. The flowers are larger than Van Houtte, with a distinct eye, in dome-shaped clusters. These appear a short space following the older Bridal Wreath, and thus prolong the showiness of this type. Thrifty and hardy.

	Each	3
1½ to 2 feet	\$0.35	\$1.00
2 to 3 feet	.45	1.25

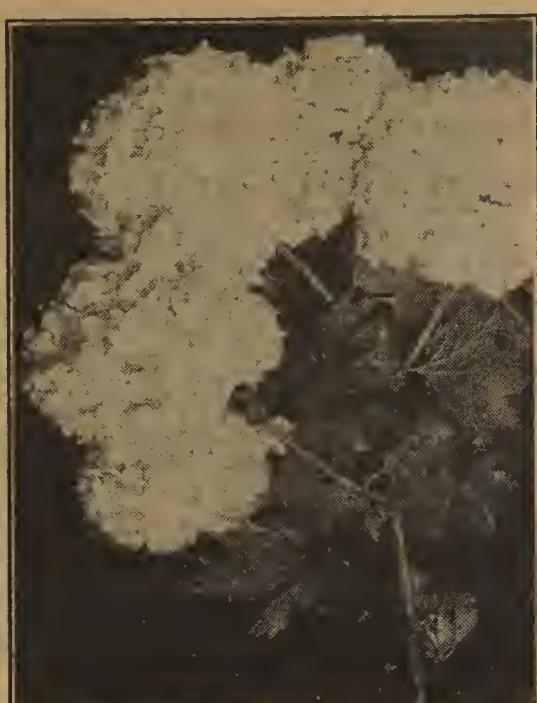
Van Houtte. Indispensable in any grouping of shrubbery where its gracefully arching, slender branches, fine twigs and "maidenhair" foliage may be left unpruned. A fountain of white in May.

	Each	6	25
1½ to 2 feet	\$0.17	\$0.85	\$2.50
2 to 3 feet	.22	1.10	3.50
3 to 4 feet	.30	1.35	4.00
4 to 5 feet	.45	2.25	6.25

Korean Spirea—*Spirea Trichocarpa*



Viburnum Carlesii



Snowball



Viburnum Tomentosum

STEPHANANDRA

Flexuosa. An attractive 3-ft. shrub specially suitable for borders of other shrubs, and rocky banks. Branches angular, even zig-zagged, with handsome deep lobed foliage which colors to purplish red; panicled racemes of white flowers in June. Not hardy far north, must have winter protection.

[Each] 3

1½ to 2 feet	\$0.35	\$1.00
2 to 3 feet .....	.45	1.25

TAMARIX

Tall growing shrubs, 8 to 12 feet high, with fine feathery foliage like that of the Juniper; small, usually pink flowers from April on. Splendid for seaside planting, or equally good in dry sand. The slender varieties should be grouped close.

Africana. Reddish brown bark and slender spreading branches, flowers pink in long terminal panicles in May. 2 to 3 feet, 40c each; 3 for \$1.10.

Hispida (Spanish Tamarix). Densely bushy, a foaming mass of glaucous foliage. Flowers in extra large upright panicles, bright coral-pink; midsummer and to some extent thereafter. This variety is much used for cutting, not only for its bloom but for the "mixing" character of its foliage.

2 to 3 feet, 50c each; 3 for \$1.35.

Odessana (Caspian Tamarix). 4 to 6 feet. Exquisitely feathered foliage of silvery green, blooming July and August with large, loose panicles and lavender-pink flowers. Dwarfer grower, more bushy and spreading than the others. 2 to 3 feet, 50c each; 3 for \$1.35. 3 to 4 feet, 65c.

VIBURNUM

Americanum (American Cranberry). Similar to Opulus, but more open and spreading, with longer, more numerous, more visible and longer lasting fruits. Broad flower corymbs with usually only the outer fringe fully opened. Fruits bright scarlet, persisting from July until spring, mainly because the birds won't eat them.

2 to 3 feet, 50c each; 3 for \$1.35. 3 to 4 feet, 65c; 3, \$1.80.



The Feathery Grace of Tamarix

Carlesii A valuable recent introduction from Korea, producing its delicate, spice-scented flowers in May and June. The buds before expanding are an attractive mauve-pink, developing into Bouvardia-like umbels of pure white. Flowers preserve their perfect form and purity of color an unusually long time.

[Each] 3

1½ to 2 feet	\$1.00	\$2.85
18 to 24 inches	1.25	3.45

Cassinoides. Broad, flat-topped panicles of creamy white in early summer, followed by pink berries which change to blue. (See Color page F).

[Each] 3

1½ to 2 feet	\$0.50	\$1.35
2 to 3 feet .....	.75	2.10

Dentatum (Arrow-wood). Strong. Bright green, heart-shaped leaves turning to purple and red. May and June flowers of creamy white in umbel-like cymes; black fruits.

[Each] 3

2 to 3 feet	\$0.50	\$1.35
3 to 4 feet .....	.65	1.80

Lantana (Wayfaring Tree). Beautiful lantana-like leaves; white flowers in May and June. Fruits color unequally from crimson to black.

[Each] 3

2 to 3 feet	\$0.50	\$1.35
3 to 4 feet .....	.65	1.80

Opulus (European Cranberry). Broad, brilliant green foliage; a rich setting for large bunches of crimson berries which persist on bare branches into the winter. The flowers are in dense cymes about 4 inches across, pure white.

[Each] 3

2 to 3 feet	\$0.50	\$1.35
3 to 4 feet .....	.65	1.80

Plicatum (Japan Snowball). Erect, compact. Purple tinged foliage of beautiful pattern, spangled with perfect ovoid corymbs of purest white, in June. Can be kept down to 4 or 5 feet.

[Each] 3

1½ to 2 feet	\$0.60	\$1.65
2 to 3 feet .....	.80	2.25

Pubescens. A good six-foot kind with large downy leaves and black fruits.

[Each] 3

1½ to 2 feet	\$0.55	\$1.50
2 to 3 feet .....	.75	2.10

Sieboldi. Tall, stoutly branching. Long oval leaves dark and glossy, pubescent beneath. Early summer creamy white flowers in 3-inch panicles; pink fruits ripening black.

[Each] 3

1½ to 2 feet	\$0.50	\$1.35
2 to 3 feet .....	.65	1.80

Sterile. The common "Snowball" with its lovely white balls of bloom for Decoration Day.

[Each] 3

2 to 3 feet	\$0.50	\$1.35
3 to 4 feet .....	.65	1.80

Tomentosum. Large flat umbel-like cymes with marginal white flowers in May. Bush broad and symmetrical, with corrugated bronze-green foliage, purple hued beneath. Fruits red, changing to blue-black.

[Each] 3

1½ to 2 feet	\$0.50	\$1.35
2 to 3 feet .....	.65	1.80



Weigela, Abel Carriere

VITEX [Chaste Tree]

(See color illustration on back cover)

Macrophylla (Large Leaf Chaste-Tree).

A distinctive and very desirable medium size shrub not yet in general use; of graceful, open, airy habit. The leaves are very large, deep pointed like stars; creating a charming effect of informality with their different facings around the bush. From July till early frosts, there is a fairly continuous display of beautiful, large, distended, upright panicles in clusters; the color a rich shade of lavender-blue.

2-year, 50c each; 3 for \$1.35.



The Refined Flowers of Weigelas

WEIGELA

Coarse, thrifty shrubs for medium and back rows in landscape groups. The flowers are stemless bells strung along the arching canes in clustered profusion, providing the bulkiest and most dominating show of bloom from May into July.

Abel Carriere. Blooms May and June. Rose-carmine flowers with orange spots; very rich and showy.

Rosea. Early flowering. Rose-colored. Dwarf to medium.

Two above:	Each	3
2 to 3 feet	\$0.45	\$1.25
3 to 4 feet .....	.55	1.50
Eva Rathke. Most distinct variety, being later (July), and most conspicuous with its deep carmine-red flowers.		
1½ to 2 feet	\$0.45	\$1.25
2 to 3 feet .....	.55	1.50

Sessilifolia. Good sized cymes in dense terminal panicles, the yellow tube quite striking. Medium height but stocky.

| Each | 3

1½ to 2 feet	\$0.45	\$1.25
2 to 3 feet .....	.55	1.50

Variegated Leaf (Rosea Nana Variegata). Dwarf; variegated leaves, broadly margined in creamy white; flowers pink. One of the most useful variegated shrubs, much used in foundation plantings.

| Each | 3

1½ to 2 feet	\$0.40	\$1.10
2 to 3 feet .....	.50	1.35

Prices for Express or Freight delivery at your expense.

HARDY VINES

However, We will Pay Postage on All Vines at Each Price.



Bignonia—Trumpet Flower

AMPELOPSIS Veitchi

(Boston Ivy). The finest hardy climber for covering walls, as it clings firmly to the smoothest surface, covering closely with overlapping foliage-like shingles; a deep green in summer, changing to crimson. 2-year, each, 40c; 6 for \$2.10; 25 for \$7.50.

BIGNONIA radicans (Trumpet Flower). A robust, woody fern-leaf vine; twining tightly with numerous roots along its stems. Large trumpet-shaped orange-scarlet flowers cluster at the tips of branches.

2 yr., 35c each; 6 for \$1.80.

BITTERSWEET (*Celastrus scandens*). Glossy foliage and large clusters of beautiful orange-crimson fruits retained all winter. Its graceful sprays of berries make charming winter house decorations.

2-year, 50c each; 6 for \$2.75.

CLEMATIS Coccinea (Scarlet Clematis). Small bell-shaped flowers, coral-red, recurring from June until frost. Least vigorous vining.

2-year, 40c each; 3 for \$1.10.

CLEMATIS—Large Flowering:—**Henryi.** Creamy white.—**Jackmani.** Velvety violet.—**Mme. Ed. Andre.** Crimson-red.—**Ramona.** Deep sky-blue.

All. 2-year, 75c each.



Boston Ivy—Ampelopsis Veitchi



Clematis Paniculata

CLEMATIS paniculata. (Sweet-Scented Japan Clematis). The flowers are of small size, fragrant, pure white, borne in immense sheets in September when few other vines bloom.
2-year, 40c each; 6 for \$2.10; 25 for \$7.50.

HONEYSUCKLE (Lonicera). For trellis or ground cover.

- Hall's Japan (L. Halliana).** Flowers a mingled white and yellow. Extremely fragrant and satisfactory on shaded lattice, or as a matted bank covering. 2-year, 40c each; 6 for \$2.10; 25 for \$6.25.
- Monthly Fragrant (L. Belgica).** Numerous sprays of large red and yellow flowers. 2-year, 40c each; 6 for \$2.10.
- Scarlet Trumpet (L. sempervirens).** Foliage practically evergreen, the flower trumpets brilliant polished red. 2-year, 40c each, 6 for \$2.10.

KUDZU VINE. Large foliage and dense shade, of finished character in one season. Flowers plentiful in August; rosy purple; pea-shaped—in small racemes. A handsome and serviceable porch vine wherever it is hardy enough to withstand the winters. 2-year, 25c each; 6 for \$1.25.

MATRIMONY VINE (Lycium chinense). Purple flowers, long scarlet berries. Good foliage and character for climbing use, valuable also as a deep rooting ground cover.
2-year, 35c each; 3 for \$1.00.

SILVER LACE VINE (Polygonum Auberti). A quick-growing vine of twining habit making strong development the first season; with small foliage. Produces more bloom than any other hardy vine, a season extending from late summer into fall with an extravagance of large, foamy silvery white sprays. 1-year, 65c each; 6 for \$3.50.
2-year, 75c each; 3 for \$2.10.

WISTERIA sinensis. Distinguished subjects for pergolas, porches and trellises; with attractive and magnificent dense, massive, drooping clusters of pea-shaped flowers. 2-year, **Blue** or **White**.
75c each; 3 for \$2.10.

Silver Lace Vine—*Polygonum*

Matrimony Vine



Honeysuckle



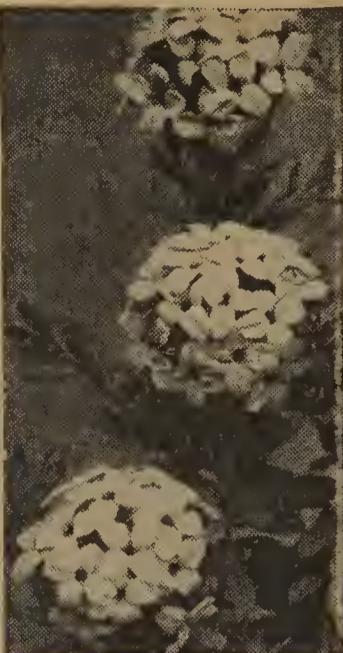
Kudzu Vine



Wisteria



Cotoneaster Horizontalis



Daphne



Mahonia Aquifolia

Evergreen Shrubs and Evergreen Vines and Plants

This group contains some of the most notable shrubs, distinguished not only by their evergreen foliage, but because of their highly prized flowers; very useful in foundation planting, for filling in beds of evergreens and for lawn specimens. They are sensitive to lime, and require acidity. For protection of roots, most Evergreens are dug carefully with a ball of the attached soil, sewed up in a stout burlap bag. This treatment is denoted E. B. (Earth Balled). In other cases, the soil is replaced by wet moss; in which case the notation reads M. B. (Moss Balled). Prices are for shipment by express or freight, charges collect, unless specifically otherwise noted. Because of extra weight, we recommend shipment of E. B. items by freight, to save expense.

AZALEA *calendulacea* (Flame Azaleas). One of the most attractive flowering shrubs, of medium growth. A very profuse bloomer; the flowers being light orange to bright red, appearing before the leaves and remaining several weeks. The autumn foliage closely repeats the colors of its spring flowers. 12 to 15 inch, E. B., \$2.00 each.

Mollis. Dwarf, bushy, well branched, good for foundations. The flowers are a variable orange-tan, yellow and red. Plant thrives in both sun and shade. Mixed colors only. E. B. 12 to 15 inch, \$1.70. 15 to 18 inch, \$2.00.

COTONEASTER *divaricata*. Growth upright to 6 feet; leaves deciduous, broadly oval, lustrous above, turning to crimson. Inconspicuous pink flowers; fruits 1/3-inch long, turning to bright red in September. Bare roots. 1 1/2 to 2 feet, 75c. 2 to 3 feet, \$1.00.

Horizontalis. Densely spreading horizontal branches almost prostrate; much appreciated in rockeries and the front of borders, to display its crimsoning leaves and scarlet fruits, deep into winter. Field-grown. E. B. Each 12 to 15 inch spread \$1.00 15 to 18 inch spread 1.50

DAPHNE *cneorum* ("Garland Flower"). A dwarf shrub, almost evergreen, with spreading branches on which the narrow, inch-long leaves are crowded; making very pretty trails of blue-green foliage. The soft pink flowers appear profusely during April and May, and at intervals throughout the summer; small and dainty in terminal clusters, with a distinct and pleasing fragrance. E. B. Each 6 to 9 inches \$1.00 9 to 12 inches 1.25 12 to 15 inches 1.50

EUONYMUS [Winter Creeper]

A splendid class of Evergreen vines all adapted to clinging besides being useful for hedges, edging, ground covering and group filling.

Radicans—Trailing. A fine evergreen vine, narrow-leaved, compactly matting, with pink fruits. For covering rocky banks, rough walls, tree-trunks, etc.

variegatus. Same as the preceding variety, except that the leaves are heavily margined with white.

Both—Bare Roots: 2 year—60c; 6 for \$3.00.

HOLLY, American (Ilex opaca). A moderate growth with spreading, short branches tapering upwards to a narrow head. Broad, oak-like, shiny evergreen leaves with spiny teeth. Ornamental fruits remain on the branches nearly all winter. M. B. 1 1/2 to 2 feet, \$2.50. 2 to 3 feet, \$3.25.

KALMIA latifolia (Mountain Laurel). Second only to Rhododendrons among broad-leaved evergreens. Its quaintly formed, rosy white buds and flowers cluster in great trusses during July, and contrast finely with the shining, dark leaves. Even small plants are gay with them. Most impressive in masses.

1 1/2 to 2 feet, E. B., \$2.75 each.

LEUCOTHOE *Catesbaei* (Andromeda). A beautiful shrub, both for blossom and foliage. The leaves, bright green in summer and purplish red in the fall and winter, are evenly disposed on gracefully drooping branches, from which are pendent many densely packed racemes of bell-shaped, creamy white flowers in early May. The colorful foliage is much desired for winter house decoration. E. B.

1 1/2 to 2 feet, \$2.50 each.

MAHONIA aquifolia (Holly-Leaved Mahonia). A beautiful evergreen shrub of slow growth to medium height, with smooth shining holly leaves; bright yellow flower clusters in May, and blue berries. The leaf color varies capriciously. Of special value in shady location. M. B.

Each 15 to 18 inches \$1.00 1 1/2 to 2 feet 1.30 2 to 2 1/2 feet 1.75

OXYDENDRUM arboreum (Sourwood). A small tree with spreading slender branches. Leaves bright green, in autumn dazzling tones of scarlet. Flowers pure white in racemes resembling Lily-of-the-Valley. 2 to 3 ft. Bare roots, 90c each.

RHODODENDRON

Its leathery leaves provide wonderfully rich backgrounds of dark green amid the floral distractions of summer, and inject a lively reminiscence of the season past, in winter landscapes. Although most effective and cared-for when planted in masses, smaller groups and units are invaluable for shaded nooks about the house or lawn. They will grow in any good soil, but are finest in a sun-and-wind sheltered situation, where the soil is deep, well drained and mulched with leaves. In hot, dry weather soak the ground—say about once a week. A protection of leaves and brush during winter is beneficial, and an acid soil condition must be maintained.

Hybrids. Derived from the choice named varieties from Europe. From this source come those large flowered types resplendent in vivid, distinct colors. We offer **Carmine**, **Cherry**, **Lavender**, or **Pink**. 15 to 18 in., E. B., \$3.50 each.

Carolinianum. Leaves rather small, narrow, dark green above, covered with brownish dots beneath; clusters of clear rose-pink flowers in May; very hardy.

1 1/2 to 2 feet, E. B., \$3.50 each.

Catawbiense. Very hardy, with attractive foliage of round shining green leaves, glaucous beneath, in terminal clusters. The flowers are borne abundantly in large trusses, in shades of lavender and purple, appearing early in June.

1 1/2 to 2 feet, E. B., \$3.50 each.

Maximum. Foliage very large and smooth, its July flowers in shades of rosy blush and white. Very attractive for natural effects along shaded walks and drives, and best for massing. 2 to 3 feet, E. B., \$3.25 each.

Evergreen Hardy Perennials

PACHISTIMA *Canbyi*. Low, spreading, close rooting evergreen shrub, useful among rocks or to edge a planting of evergreen trees. Narrow oblong leaves evenly distributed on 12-inch upright stems, the new growth light green but quite bronzy by fall. Reddish purple flowers. April and May. Bare roots. 50c each; 6 for \$2.70.

Please consult Perennial pages.

		Doz.	100	1000
44	Mitchella repens. Partridgeberry	\$2.50	\$15.00	
44	Pachysandra. Japanese Spurge...	1.50	8.00	70.00
49	Teucriums. Germander	2.50	15.00	
49	Vinca minor. Hardy Myrtle	1.50	10.00	80.00



Ailanthus—"Tree of Heaven"



Rivers' Purple Beech



Catalpa Bungei

HARDY ORNAMENTAL TREES

Deciduous Ornamental TREES

The succeeding lists represent the most favored trees for lawn adornment, and the best type for street and grove plantings. We would be pleased to quote prices on different sizes or larger quantities.

Prices are for express or freight collect.

AILANTHUS (Tree of Heaven). An extremely rapid grower with brilliant green, palmlike leaves. Thrives in city lots exposed to gas and smoke, and in soil where other trees perish. 6 to 8 feet, \$1.50. 8 to 10 ft., \$2.00.

ARALIA japonica. (Devil's Walking Stick). Handsome small tree with spreading umbrella top. Foliage immense, finely divided; broad flat panicles of creamy white flowers in July; the whole creating a distinctly tropical effect. 4 to 5 feet, \$1.00. 5 to 6 feet, \$1.30.

ASH, American White. A tall, rapid grower with smooth gray bark and glossy, fernlike leaves. 6 to 8 feet, \$1.25. 8 to 10 feet, \$1.60.

BEECH Balled and Burlapped (E. B.); heavy—Ship by Freight

European. Magnificent, compact tree with a sturdy, solid trunk, smooth gray bark, and dark green, lustrous leaves which turn to reddish brown in autumn. 3 to 4 feet, \$2.75. 4 to 5 feet, \$3.75.

Rivers' Purple-Leaved (Grafted). Makes an elegant medium size tree for the lawn; the foliage in the spring is a deep purple, later changing to crimson, and in autumn a dull, purplish green. 3 to 4 feet, \$5.00. 4 to 5 feet, \$6.50.

Tricolor. A charming form with deep purple leaves, margined with rose. Give a sheltered position. 3 to 4 feet, \$6.00. 4 to 5 feet, \$8.50.

BIRCH

Cut-Leaved Weeping. Its tall, slender, yet vigorous growth, graceful drooping habit, silvery white bark and delicately cut foliage present attractive characteristics rarely met with in a single tree. Very popular for single lawn specimens or groups; the white bark of trunk and twigs gleaming conspicuously among the darker greens and browns of other trees. 4 to 6 feet, \$2.00. 6 to 7 feet, \$2.75.

Canoe or Paper (*B. papyrifera*). A large, vigorous upright tree with broad, handsome leaves and brilliant white bark. 6 to 8 feet, \$2.00. 8 to 10 feet, \$2.75.

BIRD CHERRY (*Prunus padus*). A handsome flowering tree, bearing long clusters of white flowers in May, followed by bright red fruit, much beloved by birds. It is one of the earliest trees to leaf out in the spring. 6 to 8 feet, \$1.25.

CATALPA

Bungei (*Umbrella Catalpa*). Grafted on stems either 5 to 6 or 6 to 8 feet high, makes an umbrella-shaped top without pruning. Perfectly hardy, and flourishes in all soils and climates. Leaves large, glossy, heart-shaped, deep green, making symmetrical head. Usually planted in pairs. Each 5 to 6 feet \$1.25
6 to 7 feet 1.75



Cut-Leaved Weeping Birch

JAPAN FLOWERING CHERRIES[*Cerasus*]

Ama-no-gawa (Milky Way). A unique tree form similar to Lombardy Poplar, with upright branches hugging the main trunk. These are literally covered full length with also upright short stems crowned by lovely semi-double pink flowers of delightful fragrance. This type takes up little room, and is consequently very valuable as an accent shrub in general grouping.
4 to 5 feet, \$1.75. 5 to 6 ft., \$2.00. 6 to 8 feet, \$2.50.

Beni-Higan (C. subhirtella). The famous "Spring Cherry" of Japan, deep pink in the buds, expanding to a flushed white. 2-year, grafted on 5-ft. stems, \$2.50.

Japan Weeping (C. subhirtella pendula). The "Rose-bud Cherry," longest known of this wonderful family in American landscapes; popularized by its adaptability to small lawns where its swaying wands, so thickly studded with light pink bloom, are an outstanding incident of spring. Grafted on 5- to 6-ft. stems. Tops pruned ready for planting.
1-year heads, \$2.25. 2-year heads, \$3.25.

THE FOLLOWING 8 VARIETIES:

	Each
3 to 4 feet	\$1.25
4 to 5 feet	1.60
5 to 6 feet	2.00
6 to 8 feet	2.50

Fujizan, Mt. Fuji (C. incisa). A stocky, sturdy type; snow-white blossoms with yellow anthers, equally beautiful after the petals have fallen when the conspicuous calyx shows red and finally crimson.

James H. Veitch (C. fugenzo). One of the best varieties; large, double, pink flowers with reddish green calyx.

Kofugen (Pink Saint). Vigorously upright and symmetrical. Crimson buds, expanding into double flowers that are red, fading to old rose.

Kwanzan (Sekiyama, Sekizan) (Sacred Gate). Usually in bush form but of good height; the flowers being very full and double, deep pink or old rose, varying in tone according to weather conditions. Used in Japan as gateway guardians.

Paul Wohlert. A beautiful variety inclined to be short and spreading. The flowers are semi-double; very early, red to deep pink.

Shirofugen. Similar to Kwanzan in character, but unique in that its buds are pale; and the opened flowers show but the merest tint of pink.

Sieboldi. (Double Pink). Semi-double, white tinged with red.

Yoshino. One of the loveliest of all, most popular in Japan, and the kind that gives that magnificent sweep of pink color along the Tidal Basin at Washington at "Cherry Time." Fast growing and wide-spread, the early flowers very dense on the branches; buds red, the single flowers blush-pink maturing to white with a purplish pink center.

FLOWERING DOGWOOD [Cornus]

Cornus Florida (White Flowering Dogwood). Flowers white, 3 to 3½ inches in diameter, in spring before leaves appear. Spreading, irregular form, growing 20 to 25 feet high. Used in tall shrub backgrounds and corner groups, sparkling white bloom in spring, and crimson autumn foliage.
2 to 3 feet, 75c. 3 to 4 feet, \$1.25. 4 to 5 feet, \$1.75.

Cornus florida Rubra (Red-Flowering Dogwood). Slower growing and more formally shaped, with handsome rose-red flowers. An attractive lawn specimen or group subject. As we grow them, these small trees are among the most popular of all the "fancy" types for group association with such kinds as the Cherries, Crabs, and Thorns.
2 to 3 feet, \$1.50. 3 to 4 feet, \$2.50. 4 to 5 feet, \$3.75.

Welch's Variegated Leaved. The leaves are beautifully blotched, tinted and bordered creamy white in early spring, changing to carmine center and crimson margin in mid-summer and fall; the tree holding magnificent coloring the entire season. The best variegated-leaved tree that will thrive in our climate.
2 to 3 feet, \$2.00. 3 to 4 feet, \$3.00.

FLOWERING CRABS [Malus]

No tree could be more lovely than are these in their first stage of deep colored, round, shiny buds; then their second stage of part buds and part opened flowers; followed by a smothering expanse of full-bloom flowers. Then comes their final gesture, later, when the trees are sparkling with brilliant fruits,—varying in size and color, according to the variety.

Bechtel's. The only genuine double flowered Crab. Makes a medium sized tree; perfectly hardy. When in bloom appears to be covered with delicate pink, perfectly double small roses of delicious fragrance.
2 to 3 feet, 80c. 3 to 4 feet, \$1.00. 4 to 5 feet, \$1.50.

Parkmani (Halliana). Dwarf; with long-stemmed semi-double flowers of deep rose color wreathing its branches.
3 to 4 feet, \$1.25. 4 to 5 feet, \$1.65.

ALL VARIETIES FOLLOWING:

	Each
3 to 4 feet	\$1.00
4 to 5 feet	1.25
5 to 6 feet	1.65

Arnoldiana. A popular variety; early flowering semi-double, pink, with splendid foliage and yellow fruit.

Eleyi The young shoots are fuzzy, with brilliant purplish red foliage rivaling the Japanese Maple. Its flowers are vinous red, the dark red fruits spectacular.

Floribunda. A large shrub or small tree, often thorny, with rose-red flowers. The fruit is red and very small.

Floribunda purpurea. Darker red flowers; purplish leaves.

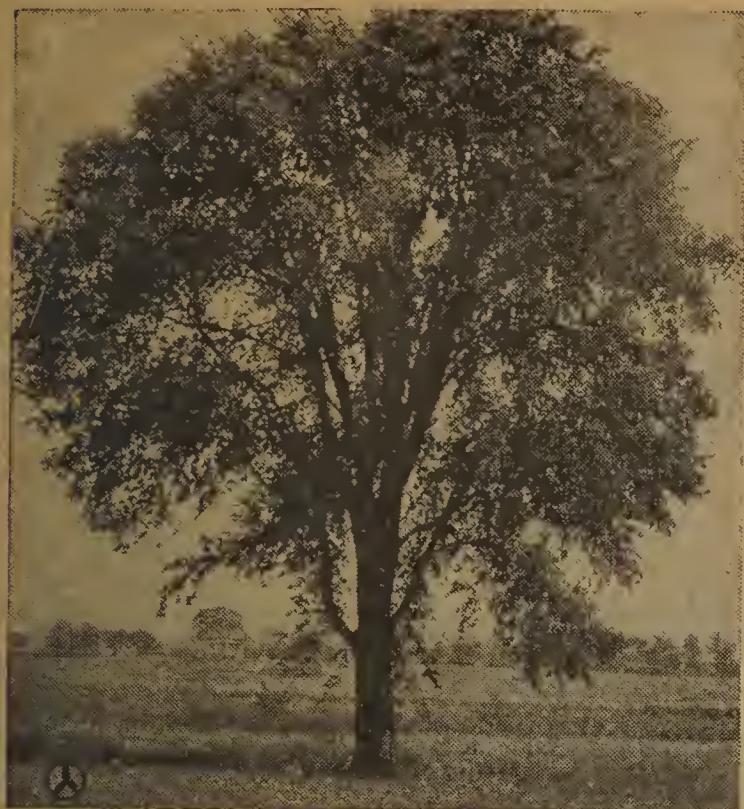
Niedzwetzkyana. Purplish foliage, wood and bark; the large flowers deep pink, the edible fruit purple.

Scheideckeri. An extremely free-flowering variety, the upright branches laden full length with double pink flowers. The succeeding orange fruits make excellent jelly.

Spectabilis. Narrow foliage glossy above, glabrous beneath, the tree small. Coral-red buds expand into pretty rose-colored flowers. Fruits small, round, yellow.



The rose-red glory of *Cornus Florida Rubra*



The Magnificent American Elm

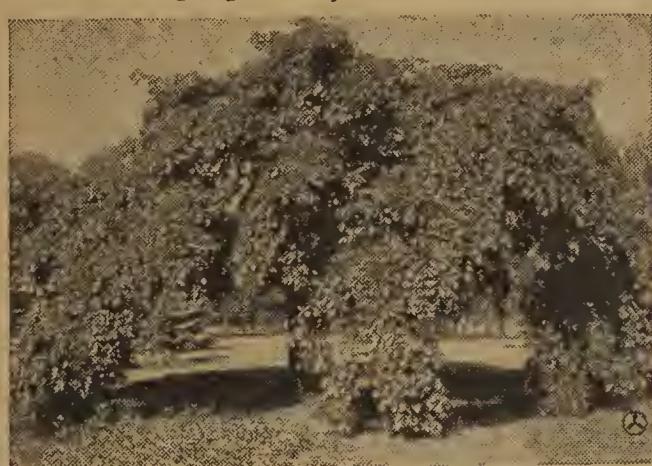
THE ELMS [Ulmus]

American. A noble native tree of great size and wide spread, with graceful drooping branches and handsome leaves. One of the best tree types for towering heady effect and wide-spread shade.

	Each	6
6 to 8 feet	\$0.90	\$5.00
8 to 10 feet	1.25	6.60
10 to 12 feet	1.75	9.60

Camperdown Weeping. Its vigorous irregular branches, which have a uniform weeping habit, overlap so regularly that a compact, roof-like head is formed. Leaves are large, glossy, dark green. Grafted 5- to 6-ft. stems, with 2-year head, \$3.00.

Chinese (Pumila). Growing rapidly and to a good height. Prefers a light or gravelly loam, and develops a broader base than the American types. The foliage is small and dense, the growth symmetrical and compact. 5 to 6 feet, \$1.25. 6 to 8 feet, \$1.60. 8 to 10 feet, \$2.00.



Camperdown Weeping Elm



Chinese Elm.

Vase Elm. Another recently introduced type of American Elm, the tops uniformly shaping up to a broad-topped vase shape.

Both Above:

	Each	6
6 to 8 feet	\$1.10	\$6.00
8 to 10 feet	1.35	7.20
10 to 12 feet	1.75	9.30

EUONYMUS

(Winterberry)

Bungeanus. Tall growing shrub with slender branches and finely serrate 2- to 4-inch leaves. Flowers appear in numerous small forked cymes; succeeded by large, deeply lobed fruits which show pink, with white seeds and orange arils. 3 to 4 feet, 70c. 4 to 5 feet, 85c.

Europaeus. (Burning Bush). A large shrub or small tree, growing to 15 feet. In spring it is covered with a wealth of bright yellow flowers in nodding clusters, followed by brilliant rose-colored berries, hanging in clusters from the branches till mid-winter. The leaves color a beautiful crimson-scarlet in fall. Stems and leaves a dark, polished green. 3 to 4 ft., 65c. 4 to 5 ft., 80c. 5 to 6 ft., \$1.00.



Horse-Chestnut

Yedoensis (Yeddo E.). Of tall shrub height, round-topped, with stiff upright branches; young branches green maturing red-brown to gray old bark. Profuse greenish flowers, and persistent, dull rose-colored fruits. 3 to 4 feet, 75c. 4 to 5 feet, 90c. 5 to 6 feet, \$1.25.

HACKBERRY. Its light green leaves are glossy, pointed; the branches spread horizontally, forming a wide, elm-shaped head of medium size. Vigorous, hardy and healthy, thriving in all soils. 6 to 8 feet, \$1.75. 8 to 10 feet, \$2.25.

HONEY LOCUST. A large, vigorous tree, with wide-spreading branches, feathery, fernlike leaves, and a stout armament of thorns. Makes a fine defensive hedge. 4 to 6 feet, \$1.00. 6 to 8 feet, \$1.50. 1-yr. seedlings, \$5.00 per 100; 250 for \$10.00.

BLACK LOCUST. A handsome, straight, fast-growing native tree thriving in dry, sandy or other soils. It is largely planted to procure posts, ties and poles, for which there is always good demand. 4 to 6 feet, 75c. 1 year seedlings, \$5.00 per 100; 250 for \$10.00.

HORSE-CHESTNUT

White Flowering. The well-known European species; very handsome; has magnificent spikes of white flowers borne in profusion and sweetly scented.

4 to 5 feet, \$1.10. 5 to 6 feet, \$1.50. 6 to 8 feet, \$2.00.

JUNEBERRY (Amelanchier). Of picturesquely irregular branching growth; all-white in April with drifts of drooping, snowy flowers. Small purple, edible fruits in June. 2 to 3 feet, 80c each; 3 for \$2.25.

KOELREUTERIA paniculata (Varnish Tree). A rare tree, 25 to 30 feet high, showy in July, when spangled with foot-long clusters of golden yellow flowers and in autumn when foliage colors to crimson and gold. 4 to 5 feet, \$1.50. 5 to 6 feet, \$2.00.

KENTUCKY COFFEE TREE (*Gymnocladus canadensis*). A fast growing tall tree with ascending branches uniquely free from cluttering branchlets, thus making a clean-cut silhouette. The bluish foliage is twice-pinnate, 2 to 3 feet long, of airy grace and beauty. Greenish white flowers in large panicles terminating the new branches of same season, are followed by picturesque clusters of large, flat, reddish seed pods persisting through the winter. 4 to 5 feet, \$2.00.

LABURNUM, Scotch ("Golden Chain"). This charming small tree takes its familiar name from the long racemes of golden yellow flowers with which it is radiant in June. It is of picturesquely irregular growth, and has glossy pinnate leaves. Prefers a somewhat sheltered situation. 3 to 4 feet, \$1.50.

LINDENS - Tilia

American. A stately tree, tall, with large, shining cordate leaves. Valuable for its beautiful white wood. It flowers in July. 6 to 8 feet, \$1.50. 8 to 10 feet, \$2.00.

European. Largely used for street and ornamental planting, developing into beautiful, round headed specimens; bloom very sweet scented. 6 to 8 feet, \$2.00. 8 to 10 feet, \$2.75.

MAGNOLIAS

The following varieties are "Moss Balled and Burlapped," and not too heavy for express shipment.

Glauca (Sweet Bay). Best, planted in moist soil; but in the drier lawns is much smaller. Its broad leaves are glossy, almost evergreen. In June its large, waxy white flower-cups are lovely and exquisitely fragrant.

2 to 3 feet, M. B.	\$2.25
3 to 4 feet, M. B.	3.25
4 to 5 feet, M. B.	4.50

Soulangeana One of the hardiest and finest. Its blossoms are from 3 to 5 inches across, cup-shaped, white and rosy violet, opening before its leaves which are massive and glossy.

2 to 3 feet, M. B.	\$2.75
3 to 4 feet, M. B.	4.25



Magnolia Soulangeana

THE MAPLES - Acer

Japan Red-Leaved. Rounded, dwarf trees seldom maturing to over 10 feet, densely furnished to the ground with indented leaves of unrivaled brilliancy and charm. Their early and midsummer aspect is vivid blood-red, which dulls to a bronzy purple-red or bronze-green, towards fall.



Norway Maple.

Norway. A large, handsome tree with a round head; broad, deep green, shining foliage. Very desirable for street, park, or lawns.

Schwedler's. The "Purple Norway" Maple's beautiful leaves attract attention at all seasons, but are especially fine in spring, when their gleaming red and purple contrast brightly with the delicate green of other trees.

Scarlet or Red (Acer rubrum). A large tree with spreading branches. The earliest Maple to bloom, its beautiful red flowers appearing in late winter. In the fall its leaves turn to the most brilliant shades of red and scarlet.

Silver ("Soft" Maple). It makes a broad, bulky, but pointed topped tree; in shading size quicker than any other variety.

Sugar or Rock ("Hard Maple"). This tree is chieftain of its clan; straight, spreading, symmetrical, of grand proportions, and longer lived than most men who plant it. Grows well in all except damp, soggy soils. This is the most appropriate type of Maple for deliberate street planting.

Wier's Cut-Leaved. A silver Maple with remarkable and beautifully dissected foliage. Of rapid growth; shoots slender and drooping.



Teas' Weeping Mulberry



Schwedler's Maple

PRICES OF MAPLES:	Each	6
Japan Red-Leaved, 3 to 4 feet	\$4.50	
" " 4 to 5 feet	6.00	
Norway, 6 to 8 feet	1.75	9.90
" 8 to 10 feet	2.00	11.10
" 10 to 12 feet	2.25	13.20
Scarlet (Acer rubrum), 6 to 8 feet .	2.00	
" " 8 to 10 feet .	3.00	
" " 10 to 12 feet .	4.00	
Schwedler's, 6 to 8 feet	2.00	
" 8 to 10 feet	2.75	
" 10 to 12 feet	3.50	
Silver-Leaved, 6 to 8 feet .....	.90	5.00
" 8 to 10 feet	1.15	6.00
" 10 to 12 feet	1.40	7.50
Sugar (or Rock), 6 to 8 feet	1.65	9.00
" " 8 to 10 feet	2.00	10.80
" " 10 to 12 feet	2.50	13.80
Wier's Cut-Leaved, 6 to 8 feet	1.25	6.60
" " 8 to 10 feet	1.50	8.00

MOUNTAIN ASH

European. A broad-topped small tree. The fern-like foliage is dark and lustrous. In late summer and far into winter, the greatest beauty and effectiveness centers in the great number of large, dense fruit clusters of orange-red, which gleam brilliantly against the green of leaves, or denuded brown of branches.

5 to 6 feet	\$1.60
6 to 8 feet	2.00

TEAS' WEEPING MULBERRY

The most graceful hardy weeping tree in existence. Forms a perfect shaped head, with long, slender, willowy branches, drooping with airy grace to the ground. Useful in cemetery plantings; as well as for lawn specimens; dividing line hedges, and many other landscape uses. Grafted on stems 5 to 6 feet high, 2-yr. heads, \$2.00.

OSAGE ORANGE

A medium sized spiny tree with spreading branches; rather large fernlike leaves of bright green which change to yellow in fall. Flowers are inconspicuous, but the succeeding orange-like fruits are attractive. It is chiefly utilized as a close, thorny, stock-turning hedge plant and allowed to grow fairly tall.

By mail, postpaid: 100 for \$3.50.

By express: 1 year, \$3.00 per 100; 250 for \$6.75.

Write us for quotations on larger sizes or quantities than are listed.

PIN OAKS



THE OAKS—*Quercus*

Fin. Broad-based pyramids in habit; described as half-weeping when old, because its lower branches touch the ground. Magnificent, darkly lustrous leaves.

6 to 8 feet, \$2.00. 8 to 10 feet, \$2.50. 10 to 12 feet, \$3.25.

Red. A tall tree, with massive, broad top and thick trunk. Of comparatively quick growth, with immense, high-coloring leaves. 6 to 8 feet, \$2.75. 8 to 10 feet, \$3.50. 10 to 12 feet, \$4.50.

PEACH, DOUBLE RED FLOWERING. Beautiful small trees mainly used as and with shrubs. At their blooming time in May, every twig and branch is bright with perfectly formed double rose-red flowers. 3 to 4 feet, 60c. 4 to 5 feet, 75c.

REDBUD (*Cercis canadensis*) (Judas Tree). A small growing tree of irregular form, with heart-shaped leaves. It is covered with delicate reddish pink blossoms early in spring before the leaves appear. This fits in well with Dogwoods, Cherries, Crabs, Thorns, etc., in tall groups designed specially for spring effectiveness. 4 to 5 feet, \$1.25. 5 to 6 feet, \$1.60. 6 to 8 feet, \$2.00.

ROSE ACACIA (Moss Locust). An elegant shrub, with light green pinnate leaves and long graceful clusters of pea-shaped, rose-colored flowers in June and often later.

- Standard (grafted). 3-foot stems, \$1.75. 4-foot stems, \$2.25.
- Bush Shaped. 3 feet, 80c each.

POPLARS *Populus*

Carolina. A vigorous, native pyramidal tree of rapid growth, with large glossy leaves; valuable for quick shade. Makes a fine spreading head if well cut back the first few seasons.

Each	6
6 to 8 feet	\$0.65
8 to 10 feet .....	.80
10 to 12 feet	1.10

Lombardy. The selective appreciation of trained landscape builders is getting this fine type into much more general use. Old trees which were thoughtfully placed, are outstanding landmarks today; their great height, dense slenderness, and sombre silhouette against the skyline give a picturesque effect.

Each	6
6 to 8 ft. |	\$0.75 | \$4.20
8 to 10 ft. |	1.00 | 5.40
10 to 12 ft. |	1.50 | 8.40

Lombardy Poplar




Ginkgo Tree (Salisburia)

RUSSIAN OLIVE (*Elaeagnus angustifolia*). Useful in tall dense groups for sharp color contrasts. Bark dark green, foliage rich silver color, willow shape; flowers deep golden and very fragrant, followed by ornamental olive fruits. 2 to 3 feet, 50c each; 3 for \$1.35. 3 to 4 feet, 70c. 4 to 5 feet, \$1.00.

SALISBURIA (Ginkgo or Maiden Hair Tree). A rare elegant tree from Japan with singular, almost fern-like foliage unlike that of any other tree; of free growth, with angular, independent branches each quite distinct. 5 to 6 feet, \$1.75. 6 to 8 feet, \$2.75.

SOPHORA JAPONICA (Pagoda Tree). A beautiful round-headed slow-growing Korean tree of true oriental appearance, holding its leaves very late. The leaves are odd feather-form; with numerous 2-inch leaflets, opposite, round-based but pointed, lustrous dark green above, gray and hairy beneath. The stems and even fairly old branches remain bright green. Eventually, long panicles of pea-shaped, creamy white flowers will appear. 3 to 4 feet, \$1.40. 4 to 5 feet, \$1.90.

SYCAMORE, EUROPEAN. The well-known Oriental Plane (*Platanus orientalis*). Used in great numbers to create vistas of dense green shade, along new streets which require quick development of shade.

Each	6
6 to 8 feet	\$1.60 | \$ 9.00
8 to 10 feet	2.10 | 12.00
10 to 12 feet	2.85 | 16.50
11 to 13 feet	3.60 |



European Sycamore



Spring Beauty of the Flowering Thorns

FLOWERING THORNS (Crataegus)

Coccinea (Thicket Thorn). Single white flowers, scarlet fruits. A fine small tree, densely branching, useful for impenetrable backgrounds. 3 to 4 ft., \$1.50. 4 to 5 ft., \$2.00.

Crus-galli (Cockspur Thorn). Widely extended horizontal branches, flat-topped effect. Flowers white with tinge of red. 3 to 4 feet, \$1.50.

Oxyacantha fl. pl. (English Hawthorn). White double flowers appearing when the leaves are nearly full grown, followed by conspicuous scarlet fruits. 3 to 4 ft., \$1.50. 4 to 5 ft., \$2.00.

Paul's Double Scarlet. Flowers deep crimson-scarlet; very double. This is one of the most attractive small trees for solitary specimens or groups, as showy in fruit as when in bloom.

4 to 5 ft., \$2.00. 5 to 6 ft., \$2.75. 6 to 8 feet, \$4.00.

Punctata (Dotted Hawthorn). 30 feet. Horizontal branches present a close, compact growth, the thorns short and stout. Interesting, irregular leaves; late spring flowers; and uniquely dotted, dull red fruits. 3 to 4 feet, \$1.65.

THE WILLOWS (Salix)
UPRIGHT

Pussy Willow (*S. discolor*). A small tree with attractive leaves 2 inches long by an inch wide. Its popular appeal is the conspicuous silky catkins which bud in the fall, and make such delightful "springy" bouquets just as the snow is melting. 3 feet, 55c each; 3 for \$1.50; 6 for \$2.70.

Gold Bark. Showy, with golden conspicuous bark.

Laurel Leaved. A splendid ornamental small tree, with large, glossy, dark laurel-like leaves, whence its name.

WEEPING

Babylonica. A graceful tree of large size. Its fresh, bright green tint and long, wavy branches make it very attractive.

Niobe. (Golden Weeping). Slender leaves, green above, silvery beneath; the twigs and bark a strong golden yellow; the hardiest gold-barked Willow for the far North.

Thurlow's (*Elegantissima*). Larger and more spreading than Babylonica.

Wisconsin. A babylonica with more slender leaves and harder. This is the most generally planted variety, and makes immense broad-topped specimens.

PRICE OF WILLOWS

	Each
Babylonica, 6 to 8 feet	\$1.60
" 8 to 10 feet	2.00
Gold Bark, 6 to 8 feet	1.10
" 8 to 10 feet	1.50
Laurel-Leaved, 6 to 8 feet	1.25
" 8 to 10 feet	1.75
Niobe (Golden Weeping), 6 to 8 feet	1.60
" 8 to 10 feet	2.00
" 10 to 12 feet	2.75
Pussy (<i>S. discolor</i>)—See description	
Thurlow's (<i>Elegantissima</i>), 6 to 8 feet	1.60
" 8 to 10 feet	2.00
" 10 to 12 feet	2.75
Wisconsin, 6 to 8 feet	1.60
" 8 to 10 feet	2.00
" 10 to 12 feet	2.75



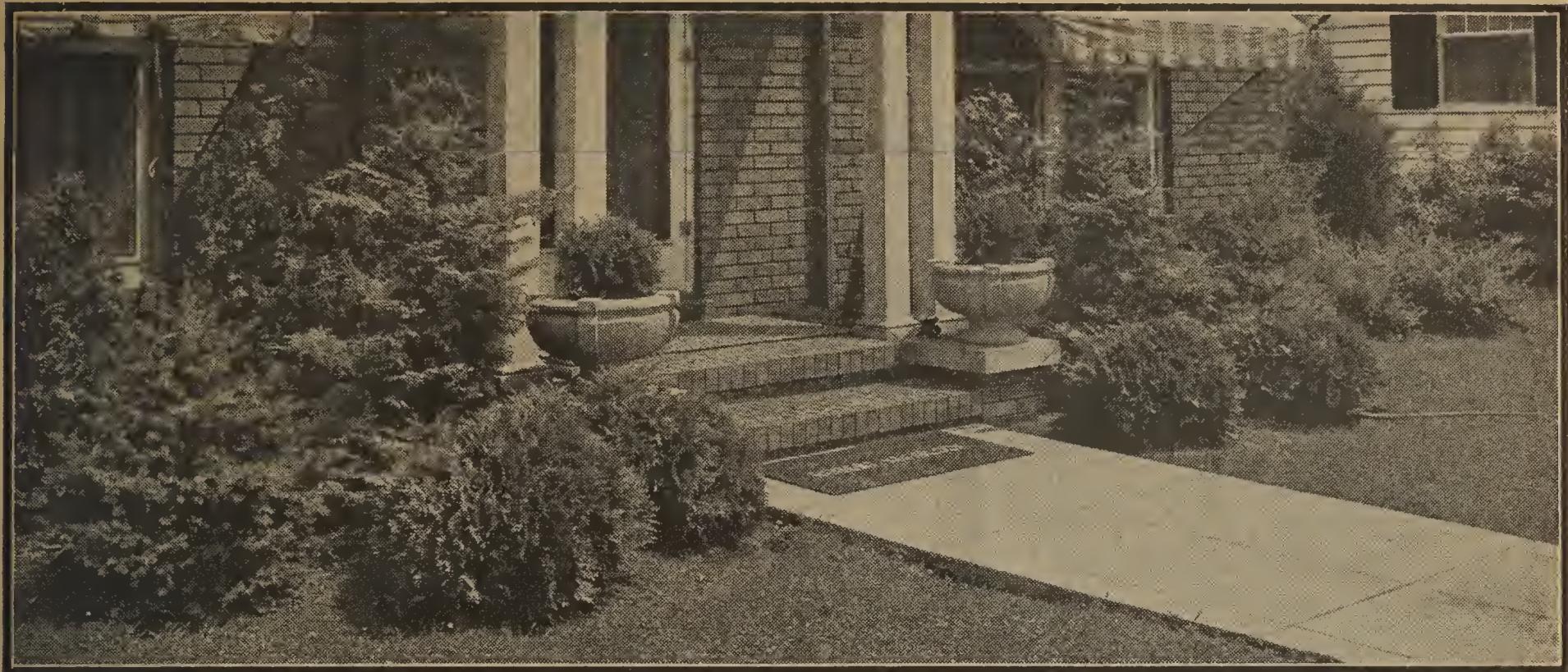
Pussy Willow

TULIP TREE (Whitewood). One of the grandest of our native trees; of tall pyramidal habit, with broad, glossy fiddle-shaped leaves and beautiful, tulip-like flowers, allied to the Magnolia. Leaf color is clean, rather bluish green shade which in fall turns brightest yellow. Flowers are 1½ to 2 inches long, light greenish yellow marked at inside base with orange. May and June. 6 to 8 feet, \$2.00.

WITCH HAZEL. Valuable because its fringe-like yellow flowers open in November. Grows 10 to 15 feet tall, with fine leaves that color to yellow, orange or purple in fall and drop before the bright yellow flowers appear. Likes a moist sandy or peaty soil and partial shade. 3 to 4 feet, \$1.00. 4 to 5 feet, \$1.25.

YELLOW WOOD (*Virgilia lutea*). One of the most beautiful medium-sized native flowering trees, growing to 50 feet. It has a short trunk and wide, rounded head of handsome foliage that colors clear yellow in fall. In June it is showy and fragrant, with long, drooping racemes of white, pea-shaped flowers. 3 to 4 feet, \$1.75.





The Year-Round Beauty of Evergreens Against the House

EVERGREEN TREES

CASH and CARRY Discount on Evergreens Taken Away **10%**

Our Evergreens are all carefully grown, at good distances for symmetrical development, are root and top-pruned into handsome, shapely specimens that will transplant successfully to new homes with ordinary care. We pack them so that the root-fibers are well protected and will reach their destination in good growing condition. If planters will continue this care to keep the fibers from drying out by exposure to air and sun until the stock is planted, success is reasonably sure.

All S & H **MOSS-BALLED** and Burlapped in the Field.

ARBOR-VITAE {Thuya}

American (White Cedar). Erect, pyramidal habit with soft bright green foliage, dense from ground up; grows rapidly and soon forms a most beautiful tree for any purpose. Like other types of Arbor-vitae, the American can be trimmed at will, or even closely sheared when sufficiently developed to present formal lines and surface as a hedge.

Each	Each
2 to 2½ feet	\$1.25
2½ to 3 feet	1.40
3 to 4 feet	1.75

Each	Each
4 to 5 feet	\$2.50
5 to 6 feet	4.00

Each	Each
6 to 8 feet	6.00

Columbia ("Silver Tip"). Favors the bulky Siberian type; heavy foliage, with contrasting silver tips.

Each	Each
1½ to 2 feet	\$1.25
2 to 2½ feet	1.50

Compacta. (Globe-shaped). Dwarf, dense little trees with light green foliage, neat and attractive. Useful for beds, borders, cemeteries, or low-growing hedges.

Each	Each
1½ to 2 feet	\$1.35
2 to 2½ feet	1.75

Douglas Golden. One of the hardiest. Broad bushy growth with slender branches and bright yellow foliage.

Each	Each
2 to 2½ feet	\$1.50

Ellwangeriana. A low, broad tree with slender branches, and feathery gray-green foliage.

Each	Each
1½ to 2 feet	\$1.35
2 to 2½ feet	\$1.75

Globosa. Forms a dense, low, natural globe; for spacing at intervals along a foundation planting foreground, or to define driveway curves. Requires very little trimming.

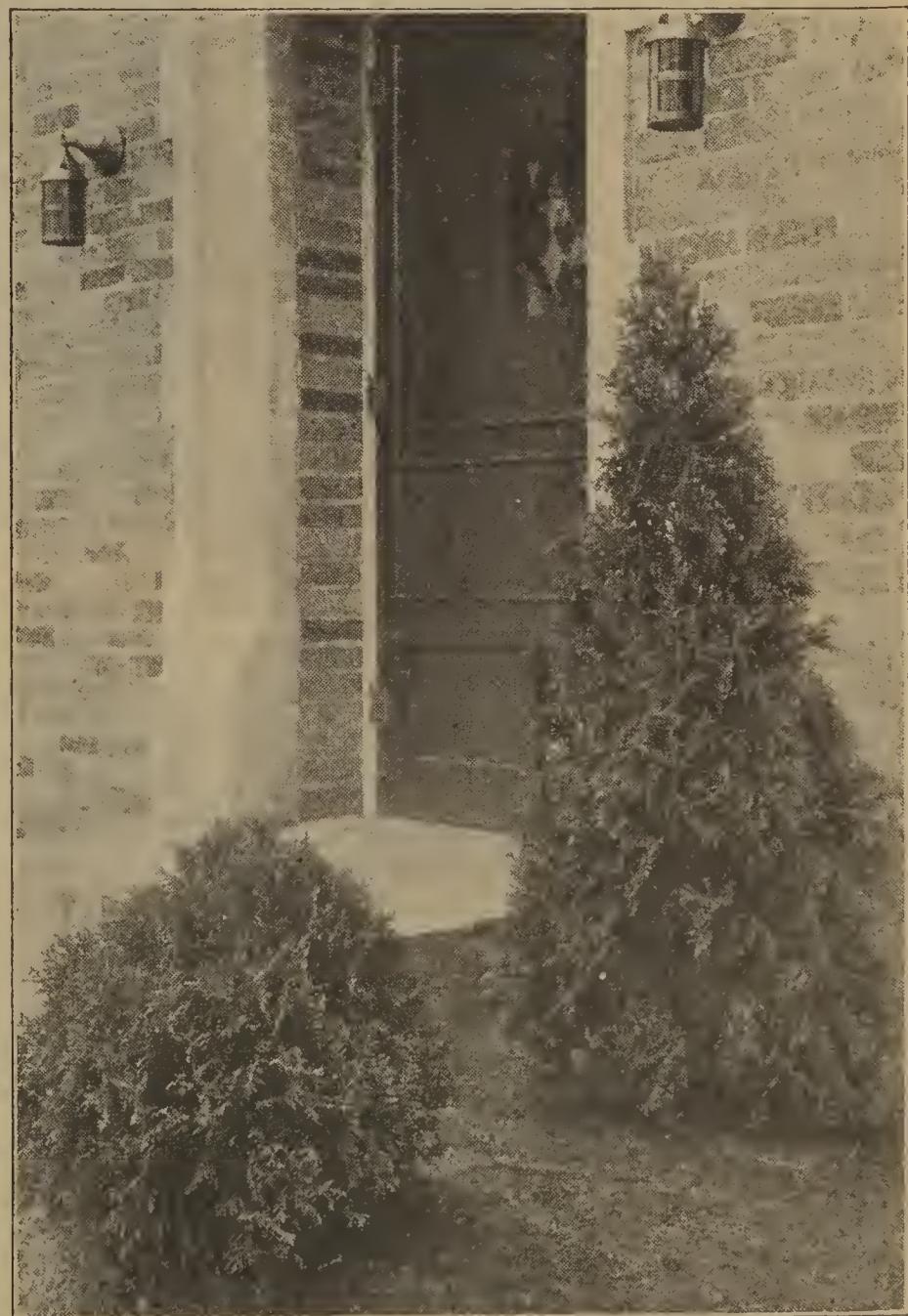
Each	Each
1½ to 2 feet	\$1.35
2 to 2½ feet	1.75

Hovey's Golden. A low-growing, hardy tree, elliptical in form and very compact. Foliage light green with a golden tinge, very distinct, bright and pleasing shade.

Each	Each
1½ to 2 feet	\$1.35
2 to 2½ feet	1.75

Please Note!

We can dig and burlap the original ball of earth if desired, but prefer to standardize the "Moss Ball" method. We dig carefully; gently remove the soil, replacing it with wet moss or excelsior, the entire protected root-system then sewed into a burlap container. Eliminating the accustomed 40 to 100 pounds of hard soil will make so important reduction in weight of both tree and the type of box required, the customer can better afford to Ship Evergreens by Express. Express shipments will save several days to weeks in railroad transportation, besides ensuring prompt delivery to your door. This brings you the roots still moist, the valuable fibrous roots unbroken; thus giving a better chance for success.



Arbor-Vitae Globosa and Arbor-Vitae Pyramidalis



Oriental Arbor-Vitae (Similar to Hovey's)

ARBOR-VITAE'S Cont'd

Oriental. A comparatively low, broadly pyramidal tree, native of Asia. Its color is a refreshing yellowish green similar to Hovey's, although dulling to bronzy green in winter. **Each**

2 to 2½ feet	\$1.25
2½ to 3 feet	1.50
3 to 4 feet	2.00
4 to 5 feet	3.00

Pyramidalis. A densely columnar type, most compact and erect of the entire species, at 12 feet high averaging 24 to 30 inches in diameter. Foliage a deep green, retaining color. The most popular pyramid for flanking the stoops in colonial architecture. **Each**

2 to 2½ feet	\$1.50
2½ to 3 feet	1.80
3 to 4 feet	2.25
4 to 5 feet	3.00
5 to 6 feet	4.50

Siberian. A superb hardy variety, somewhat similar to American, with heavier and fuller foliage and more compact habit; bears trimming well. This variety is extensively used for backgrounds in foundation plantings, where dense bushiness is required, rather than height. **Each**

1½ to 2 feet	\$1.10
2 to 2½ feet	1.50
2½ to 3 feet	2.00
3 to 4 feet	3.00
4 to 5 feet	4.25



A group of shaped Siberian Arbor-Vitae



Oriental Arbor-Vitae (Similar to Hovey's)

ARBOR-VITAE'S Cont'd

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2½ to 3 feet	1.80
3 to 4 feet	2.25
4 to 5 feet	3.00
5 to 6 feet	4.50

Siberian. A superb hardy variety, somewhat similar to American, with heavier and fuller foliage and more compact habit; bears trimming well. This variety is extensively used for backgrounds in foundation plantings, where dense bushiness is required, rather than height. **Each**

1½ to 2 feet	\$1.10
2 to 2½ feet	1.50
2½ to 3 feet	2.00
3 to 4 feet	3.00
4 to 5 feet	4.25



Oriental Arbor-Vitae (Similar to Hovey's)

ARBOR-VITAE'S Cont'd

Oriental. A comparatively low, broadly pyramidal tree, native of Asia. Its color is a refreshing yellowish green similar to Hovey's, although dulling to bronzy green in winter. **Each**

2 to 2½ feet	\$1.25
2½ to 3 feet	1.50
3 to 4 feet	2.00
4 to 5 feet	3.00

Pyramidalis. A densely columnar type, most compact and erect of the entire species, at 12 feet high averaging 24 to 30 inches in diameter. Foliage a deep green, retaining color. The most popular pyramid for flanking the stoops in colonial architecture. **Each**

2 to 2½ feet	\$1.50
2½ to 3 feet	1.80
3 to 4 feet	2.25
4 to 5 feet	3.00
5 to 6 feet	4.50

Siberian. A superb hardy variety, somewhat similar to American, with heavier and fuller foliage and more compact habit; bears trimming well. This variety is extensively used for backgrounds in foundation plantings, where dense bushiness is required, rather than height. **Each**

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2½ to 3 feet	2.00
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2 to 2½ feet	1.50
2½ to 3 feet	2.00
3 to 4 feet	3.00
4 to 5 feet	4.25



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ARBOR-VITAE'S Cont'd

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2½ to 3 feet	2.00
3 to 4 feet	3.00
4 to 5 feet	4.25



Oriental Arbor-Vitae (Similar to Hovey's)

ARBOR-VITAE'S Cont'd

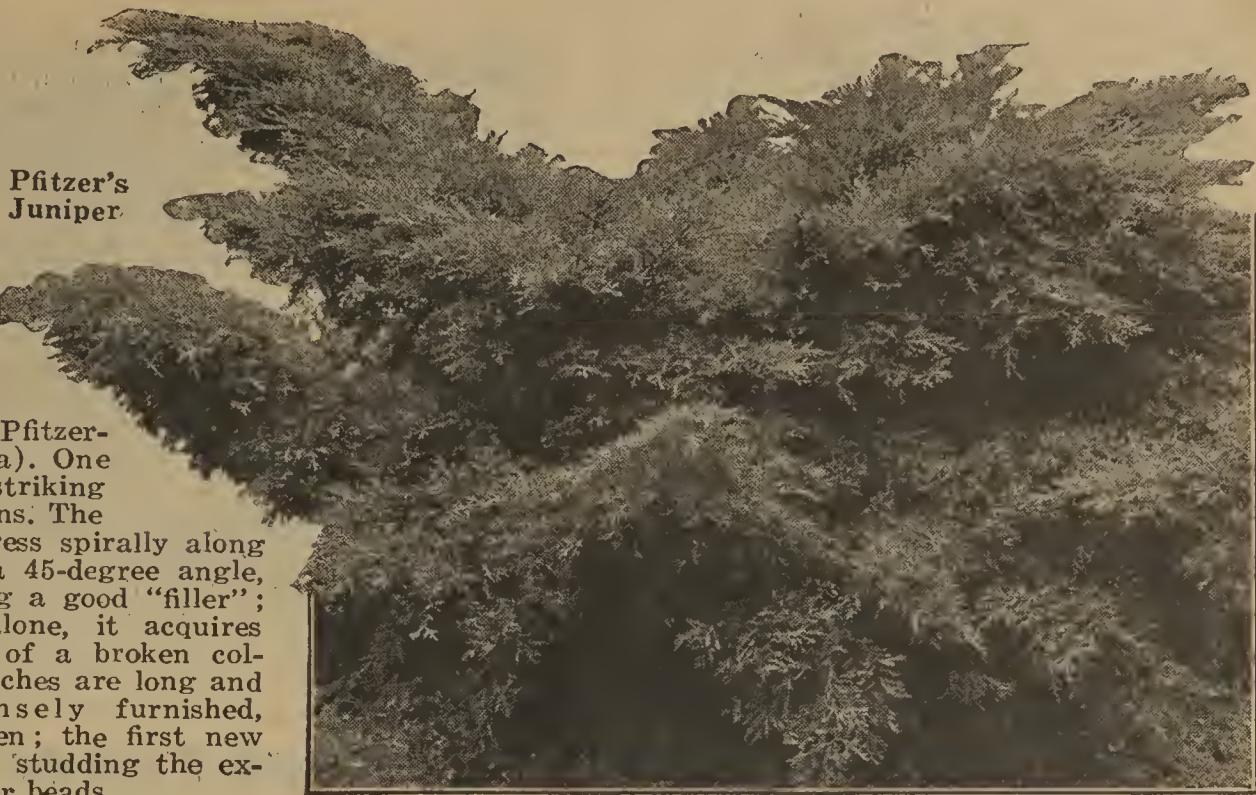
Oriental. A comparatively low, broadly pyramidal tree, native of Asia. Its color is a refreshing yellowish green similar to Hovey's, although dulling to bronzy green in winter. **Each**

2 to 2½ feet	\$1.25
2½ to 3 feet	1.50
3 to 4 feet	2.00
4 to 5 feet	

JUNIPER—Concluded

Irish Erect, slender and formal in habit; foliage sage green, very compact; making a splendid column eventually 15 to 20 feet high; much used in cemeteries.

	Each
1½ to 2 feet	\$1.15
2 to 2½ feet	1.50
2½ to 3 feet	1.85
3 to 4 feet	2.25
4 to 5 feet	3.25



Pfitzer's Juniper

Pfitzer's (*J. pfitzeriana*). One

of the most striking of all evergreens. The branches progress spirally along the trunk at a 45-degree angle, thereby making a good "filler"; or standing alone, it acquires the symmetry of a broken column. The branches are long and whip-like, densely furnished, very dark green; the first new growth thickly studding the expanse like silver beads.

Spreading Type: Each

15 to 18 inches	\$1.75
1½ to 2 feet	2.25
2 to 2½ feet	2.75
2½ to 3 feet	3.25
3 to 3½ feet	4.50

Upright: Each

2½ to 3 feet	\$3.25
3 to 3½ feet	4.50

Savin (*J. Sabina*). Handsome moss green foliage; adapted to use as a filler in Evergreen groups, or as a semi-dwarf ground cover.

1½ to 2 feet	\$2.00
2 to 2½ feet	2.50
2½ to 3 feet	3.00

Swedish (*J. suecica*). Tall growing, of formal, columnar habit. One of the hardiest and most reliable pillar types. The foliage is dense, fairly broad, with drooping tips; in color glaucous green somewhat lighter and bluer than Irish.

1½ to 2 feet	\$1.20
2 to 2½ feet	1.50
2½ to 3 feet	2.00
3 to 4 feet	2.50
4 to 5 feet	3.25

Dwarf Swedish (*J. suecica nana*). A dwarf variety, compact in habit, hardy; foliage light green, not changing in winter.

1½ to 2 feet	\$1.25
2 to 2½ feet	1.75
2½ to 3 feet	2.25
3 to 4 feet	2.75
4 to 5 feet	3.50

Tamariscifolia (**Tamarix-Leaved**). A beautiful trailing form of Savin, with bluish green foliage. The construction is dense and very fine like a Tamarix foliage, especially attractive when showing new growth. **Spread:** Each

1½ to 2 feet	\$2.25
2 to 2½ feet	3.00
2½ to 3 feet	3.50

Irish Juniper



Blue Cedar

Virginiana (Red Cedar). Fine, dense foliage; thickly columnar, varying in habit and color, the majority being formal and bluntly conical.

Each	
2½ to 3 feet	\$2.00
3 to 4 feet	3.00
4 to 5 feet	4.00
5 to 6 feet	5.50
6 to 7 feet	8.00

Virginiana Cannarti. A newly derived type resembling Schotti in leaf and character, midway in color between the pronounced yellowish green of that variety and the darkness of Virginiana.

Virginiana elegantissima (Gold Tip Cedar). Of deliberate bushy growth, the branches gracefully curving. In early summer the long white-gold tips of new growth are superb.

Virginiana glauca (Blue Cedar). Unlike so many varieties it is not at all formal, but without losing general compactness, its regularity of spread is uniquely attractive; the broadly conical form and beautiful glaucous blue foliage making it one of the choicest of all Junipers.

Virginiana Schotti. A densely columnar form of the Red Cedar with yellowish bronze-green foliage of feathery texture. The extra-abundant blue berries are very attractive.

Above Four Varieties:	Each
2 to 2½ feet	\$2.75
2½ to 3 feet	3.50
3 to 4 feet	4.25
4 to 5 feet	5.50
5 to 6 feet	7.00



Savin Juniper



Juniperus Tamariscifolia



Swedish Juniper



Austrian Pine



Edge of the Lawn—A Delightful Use for Evergreens

THE STATELY PINE [Pinus]

Pine trees rank high among Nature's most majestic trees. Even the smaller nursery sizes are typical of their matured expression ; and because of their massive character and rich coloring, at once assume importance and give a tone of dignity to the landscape. Plant Pines for perpetuity.

Austrian (*P. austriaca*). Broad-based, heavily needled, massive; darkest and richest green of the Pines, silhouetting to inky blackness against the sky-line. Quite densely and evenly branched, well furnished with attractive tufts of foliage, the new growth erect and silvery like candles set along the twigs. It is hardy and vigorous in growth, well able to withstand the onslaught of wind, smoke or gas.

	Each
2½ to 3 feet	\$2.25
3 to 4 feet	3.00
4 to 5 feet	4.00
5 to 6 feet	6.00

Japanese Red Pine (*P. densiflora*). Hardiest ornamental Pine as to soil and coldness ; of massive character, round-topped at maturity, well fitted to bold landscape effects. Resembles Austrian but has more slender, softer, denser needles, dark green without glare; stubby russet-brown cones.

	Each
2½ to 3 feet	\$2.25
3 to 4 feet	2.75
4 to 5 feet	3.75
5 to 6 feet	5.50

Mugho (*P. montana mugho*). The only genuine dwarf Pine. Leaves short, stiff, formal, thickly distributed in tufts in a crowded way somewhat similar to Austrian ; with an equal depth and richness of color. Does not grow tall but spreads out, generally in a globular form; very dense. Popular in foundation plantings ; for markers in angles of the walks ; and on the crest of terraces.

	Each
15 to 18 inches	\$1.50
18 to 24 inches	2.00
24 to 30 inches	2.75
2½ to 3 feet	4.00

Scotch (*P. sylvestris*). Like the Austrian, its quick, strong growth makes it valuable for protective screens; very hardy. As a rule it grows taller than Austrian, with softer needles, and shows a hint of reddish brown in its bark and forming cones.

	Each
2½ to 3 feet	\$2.25
3 to 4 feet	3.00
4 to 5 feet	4.00
5 to 6 feet	6.00

RETINOSPORA JAPAN CYPRESS

Filifera. The leading shoot grows upright but the threadlike branches are nearly horizontal, with long, drooping tasseled ends. Bright green, against red-brown bark.

	Each	Each	
1½ to 2 feet	\$1.75	2½ to 3 feet	\$3.00
2 to 2½ feet	2.25	3 to 4 feet	4.00

Pisifera. Open and tall in growth, with erect branches pendulous at tips; foliage lacy, light green, glaucous beneath

	Each	Each	
2 to 2½ feet	\$1.75	2½ to 3 feet	\$2.25

Plumosa. A handsome, cone-shaped evergreen of medium tall growth, with billowing, light green foliage.

Plumosa aurea. Like the preceding, a tree of great beauty; foliage soft plumelike golden yellow, close and compact.

	Each	Each	
1½ to 2 feet	\$1.25	2½ to 3 feet	\$2.25
2 to 2½ feet	1.50	3 to 4 feet	3.00

Squarrosa Veitchi (Gray Cypress). Dense, rounded, bubbling growth; the silvery blue foliage arranged in soft feathery spirals. Best adapted to semi-shade.

	Each	Each	
1½ to 2 feet	\$1.25	2½ to 3 feet	\$2.25
2 to 2½ feet	1.75	3 to 4 feet	3.00



Retinospora Pisifera

HEMLOCK {*Tsuga Canadensis*}

The best evergreen in heavy shade, both beautiful and dependable wherever used. Its refined foliage is lacy, close-set and darkly lustrous, in rather flat fronds which droop gracefully. Although capable of great height, it is best known as a moderate grower adapted to severe pruning; used at corner, or as foundation screens; or informally sheared high hedges.

Each	Each
1½ to 2 feet	\$1.50
2 to 2½ feet	2.00
2½ to 3 feet	2.75
3 to 4 feet	\$3.50
4 to 5 feet	5.00

SPRUCE {*Picea*}

Spruces have the stiffest, hardest-coated needles; which quite efficiently protect the trees from absorbing too much dust, smoke and gas between cleansing rains.

American White (*P. alba*). One of the very best conifers, especially for cold climates. Compact, upright growing, long lived, retaining its branches to the ground, aromatic, drought-resisting; varies in color from light green to glaucous blue.

Each	Each
1½ to 2 feet	\$1.10
2 to 2½ feet	1.50
2½ to 3 feet	2.25
3 to 4 feet	3.00

The Elegant Blue Spruces



Colorado Blue Select (*P. pungens glauca*). A selected blue shade, from *Picea pungens*. This is one of the showiest and most impressive evergreens, surpassed only by the grafted Koster's Blue Spruce. The blue shade usually improves with age.

Each	Each
1½ to 2 feet	\$2.50
2 to 2½ feet	3.00
2½ to 3 feet	4.00
3 to 4 feet	5.00

Koster's Blue Grafted The aristocrat of the evergreen family; expressing the nearest to perfection in symmetry, uniform development and broadly pyramidal grace. Its color is the truest, most persistent blue found in any known tree.

Each	Each
1½ to 2 feet	\$3.75
2 to 2½ feet	5.00
2½ to 3 feet	6.50
3 to 4 feet	8.50
4 to 5 feet	12.00
5 to 6 feet	17.00

The Christmas Tree Spruce

Norway A lofty, noble tree of open, pyramidal habit, exceedingly picturesque. Very popular and effective in evergreen groups, and one of the best evergreens for hedges.

Each	6
1½ to 2 feet	\$1.10 \$ 6.00
2 to 2½ feet	1.40 7.50
2½ to 3 feet	1.90 10.50
3 to 4 feet	2.25 12.00
4 to 5 feet	3.00 16.50
5 to 6 feet	4.50 24.00



Taxus Cuspidata Brevifolia

YEW {*Taxus*}

Cuspidata. The beautiful Upright Japanese Yew of moderate bushy growth, the upright-spreading branches densely clothed with short leaves of dull green.

Each	Each
12 to 15 inch	\$1.50
15 to 18 inch	2.00
1½ to 2 feet	\$2.75
2 to 2½ feet	3.75

Cuspidata Brevifolia. (Dwarf Japan Yew) Short, richly dark green leaves, dense bushy habit. Hardy, close set, slow-growing; one of the best dwarf evergreens.

Each	Each
12 to 15 inch	\$2.50
15 to 18 inch	3.25
1½ to 2 feet	\$4.50
2 to 2½ feet	6.00

Media Hicksi. A beautiful, dense columnar form.

Each	Each
15 to 18 inch	\$2.25
18 to 24 inch	\$3.00



Norway Spruce Set as a "Living Christmas Tree"

FRUIT TREES

Highest Quality
True to Name

83 YEARS the Storrs & Harrison Co. has been growing and furnishing first quality true-to-name Fruit Trees to American orchardists and homeowners; and enjoys an unimpeached reputation for reliability and fairness. That is your protection. Our legal protection is claimed in the Non-Warranty clause on introductory page.

QUOTATIONS. We would be pleased to quote prices to anyone desiring different varieties or stock in larger quantities than offered herein. In sending list, state definitely the number of each variety and size wanted.



CERTIFICATE OF INSPECTION issued annually by the Ohio Department of Agriculture, showing freedom of our stock from San Jose Scale and other injurious insects and disease, will be attached to every shipment.

SUBSTITUTION. We reserve the right, in case we are out of a variety, to substitute another of equal merit when it can be done (always labeling with correct name)—unless the party ordering says, "No Substituting," in which case we will fill order as completely as we can and refund balance of remittance.

PRICES in this department are for Express, Freight, or other delivery, at customer's expense.

APPLES

Apple trees should be set 40 feet apart each way; or not closer than 35 feet.

Group Price of Apples:

	Each	10	100
4½ feet and up	\$1.00	\$9.00	\$75.00
3½ to 4½ feet .....	.90	8.00	65.00
3 to 3½ feet .....	.75	6.50	50.00

SUMMER

Red Astrachan. Large, beautiful deep crimson, striped.

AUTUMN

Duchess of Oldenburg. Good size, yellow, streaked red, juicy, rich, sub-acid, productive. Bears young.

WINTER

Cortland. A derivation from McIntosh; two weeks later. Thrifty, early producing and long lived. Fruits abundant, large, round, with heavy overlay of shaded reds; brittle texture, luscious juiciness, with sprightly flavor.

(See color illustration inside back cover).

McIntosh. Deep crimson, highest quality, juicy, sub-acid.

Northern Spy. Large, striped, mild sub-acid, rich, and tender, with a rich, delicious flavor.

Red Delicious. A segregated strain of the popular Delicious, coloring sooner to rich solid red.

Red Rome Beauty. All-over red; an improvement.

Red Spy. A distinct new type of Northern Spy. Solid red. December.

Rhode Island Greening. Large, greenish yellow, rich acid.

Wealthy. White fleshed, juicy and vinous; medium size, smooth, round, deep red. September.

DWARF APPLES

Dwarf Apples are very scarce. We have a limited supply in these: **Delicious**, **McIntosh**, **Northern Spy**, and **R. I. Greening**. 3½ feet up, \$1.50 each.



The most popular new Apple

Group Price of Apples:

	Each	10	100
4½ feet and up	\$0.95	\$8.50	\$70.00
3½ to 4½ feet .....	.85	7.50	60.00
3 to 3½ feet .....	.70	6.00	45.00

SUMMER

Yellow Transparent. Earliest and best of the early kinds: white, tender, juicy, sprightly, sub-acid.

AUTUMN

Gravenstein. Large, striped, fine quality; one of the best. Aug.

Maiden Blush. Large, beautiful blush cheek.

WINTER

Baldwin. Large, bright red, crisp, juicy, rich.

Banana. Early bearer. Yellow shaded bright crimson; flesh fine grained, rich sub-acid, aromatic, highest quality.

Delicious. Fruit large, dark red, flesh fine grained, crisp and melting, juicy with a delightful aroma; annual bearer.

Grimes. Good size, yellow, productive, of highest quality.

Jonathan. Medium, red, extra quality.

Stayman. Improved Winesap, larger and more prolific.

Turley. An improved Stayman (which has long stood as the best Winesap); no larger, but of deeper color, more piquant flavor, and a heavier cropper. Dec.

Wagener. Good size, deep red in the sun; flesh firm, sub-acid, excellent quality. One of the first varieties to bear.

CRAB APPLES

Hyslop Crab. Large round fruits; deep crimson; one of the most popular Crabs for jelly. October to January.

Ornamental Crabs are listed on page 76.



McIntosh Apples



Golden Jubilee

The Peach is the quickest large fruit to bear bountiful pickings while waiting for other crops

Set Trees
16 to 18 Feet
Apart



If you contemplate starting a Peach Orchard, we will gladly advise varieties, and make special quotation

PEACHES

PRICE (Standard sorts below):

	Each	10	100
4 to 5 feet	\$0.50	\$4.00	\$35.00
3 to 4 feet .....	.40	3.00	28.00
2 to 3 feet .....	.30	2.50	20.00

- Admiral Dewey.** Best early yellow freestone. July.
- Banner.** Crimson cheek; yellow, rich, firm. Late September.
- Beers. (Smock).** Choice late yellow; annual bearer.
- Belle of Georgia.** Skin white with red cheek; flesh white, firm and of excellent flavor, very prolific. Early Sept.
- Capt. Ede.** Handsome, large, yellow. Early September.
- Carman.** Large, creamy white with deep blush; skin tough, flesh tender, fine flavor and quite juicy. August.
- Champion.** An extremely large, handsome early variety, creamy white with red cheek, sweet, rich and juicy. August.
- Early Crawford.** A large yellow quality peach. September.
- Early Elberta.** Ripens about a week earlier than Elberta.
- Elberta.** Large, yellow, with red cheek; flesh yellow, firm, juicy, of high quality. Exceedingly prolific, sure bearer and hardy. The standard market variety. September 15th.
- Engle's Mammoth.** Large, yellow; resembles Late Crawford but is more productive, bears earlier and younger. Sept.
- Fitzgerald.** Large; deep yellow, best quality. Sept.
- Gold Drop.** Medium size, hardy, very productive, refreshing quality, early bearer. Golden skin and flesh. September.
- Greensboro.** Flesh white, juicy and good. July.
- Heath (Cling).** Very large, flesh white, juicy and melting. Good keeper and shipper. October.
- J. H. Hale.** A choice variety, larger than Elberta, and five days earlier, with superior flavor. Color a beautiful golden yellow, with deep carmine blush. A good shipper.
- Kalamazoo.** Large, yellow, extra productive. Early Sept.
- Late Crawford.** A superb, large yellow Peach. Late Sept.
- Lemon Free.** Lemon-shaped and color, large size, immensely productive, superior canning quality. September.
- Mayflower.** Bright red cheeked, the only July peach that is well colored. Inclined to overbear; should always be thinned.
- Mountain Rose.** Large, red, flesh-white, juicy, excellent. August.
- Niagara.** Yellow; surpassing both Elberta and Crawford in size, color, quality, and vigor; ripening between.
- Prolific.** Large, firm; yellow, fine flavor, hardy and productive. September.
- Rochester.** The fruit is large, yellow, sweet, juicy and of delicious flavor; keeping and shipping well. Aug. 10th.
- St. John.** One of the earliest yellow peaches. August.
- Salberta.** The general character and quality of Elberta with Salwey's more profitable two weeks later picking.
- Salwey.** Large, creamy yellow, juicy, rich, sweet. October.
- Shipper's Late Red** A new peach of large round shape, beautifully surfaced with red, tenacious. Flesh yellow, sweet, juicy, and of pleasing flavor.
- Williams Cling.** One of the most profitable clingstones. Sept.
- Wilma.** An Elberta type; rounded, about ten days later.

Attention Orchardists!

Authorized Offering of a Remarkable New Peach to OHIO, and seven other states.

(Illustrated in color on inside back cover).

Rio Oso Gem

Ripens about 10 days after J. H. Hale, during that period when there are few good peaches on the market. This new peach has the extreme large size of J. H. Hale, is more highly colored, of finer-grained texture, firmer, and of better general quality. The Storrs & Harrison Co. is specially licensed by the patent owner, to grow and distribute this fine new yellow freestone peach; but to eight states only, viz.: Ohio, Indiana, Illinois, Michigan, Iowa, Minnesota, Missouri, and Wisconsin. Stock is limited.

All propagating rights are fully protected by U. S. Plant Patent.

PRICE

	Each	10	100	GET YOURS NOW!
3½ ft. and up	\$0.80	\$6.50	\$50.00	
3 to 3½ ft. .....	.60	5.00	40.00	
2 to 3 ft. .....	.50	4.00	35.00	

Hale-Haven A large new yellow freestone; developed at Michigan Experiment Station, by crossing the two popular varieties, J. H. Hale and South Haven. Its high color even before complete ripening, gives it great market value because of the advantage of premature picking, packing, and shipping without loss. It tests very high for hardness and production. Ready two weeks before Elberta.

TRY THIS

FINE NEW PEACH

Price:	Each	10	100
4 to 5 ft.	\$0.65	\$5.50	\$45.00
3 to 4 ft. .....	.55	4.50	37.50
2 to 3 ft. .....	.45	3.50	30.00

Five Choice New Peaches

Our First Offering	Each	10	100
4 to 5 feet	\$0.55	\$4.50	\$40.00
3 to 4 feet .....	.45	3.50	32.50
2 to 3 feet .....	.35	3.00	25.00

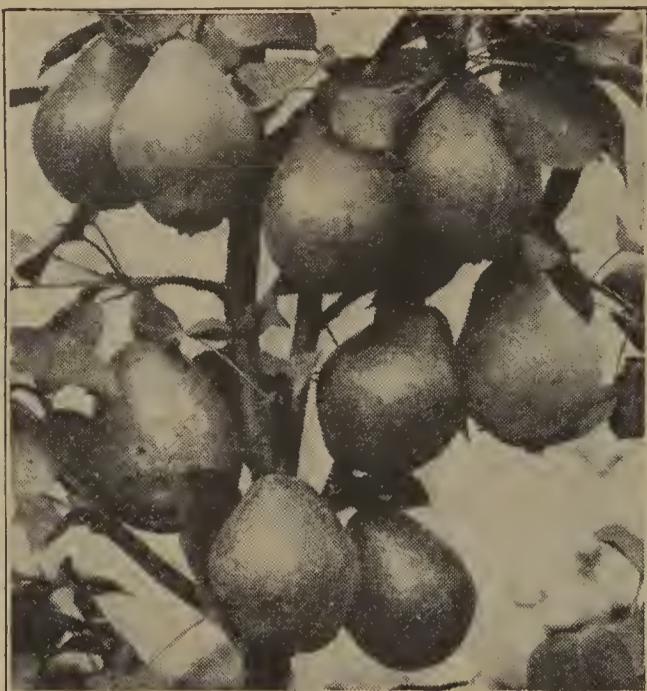
Cumberland A seedling crossed with Greensboro. This fine, oval, white-fleshed, almost freestone peach is larger than Belle, and five days earlier than Carman. Firmer and of better quality than the latter; its skin attractively colored with red.

Eclipse A self-pollinated seedling of Belle, but the flesh is yellow, of firm texture and delicious flavor, good-sized oval in shape, freestone. The coloring is dark red. Fruit hangs well on the tree, and is an excellent shipper.

Golden Jubilee A choice recent introduction by the New Jersey Experiment Station; already popularized and given a high rating. Tree habits and fruit resemble Elberta; but fruit ripens a few days before Carman. The skin is yellow with red blush; flesh golden yellow, juicy, tender, sweet, and freestone.

Oriole Notable as an early Peach of high quality, ripening a week before Rochester. Fruit is roundish, medium to large, yellow color, yellow flesh, freestone.

Radiance A large, oval, white-fleshed freestone, similar in form to Belle of Georgia. It is a nicely flavored fruit of good texture, ripening with Carman; good appearance. For home and market.



PEARS

Will grow on almost any good soil but thrive best in a rather heavy clay or loam. Standards planted 18 to 20 feet apart, are best for permanent orchards.

Price of Standard Pears—

	Each	10	100
4½ ft. and up	\$1.00	\$9.00	\$75.00
3½ to 4½ ft. ....	.90	8.00	65.00
3 to 3½ ft. ....	.75	6.50	50.00
Special Price for Gorham:			
4½ ft. and up	1.10	10.00	85.00
3½ to 4½ ft.	1.00	9.00	75.00
3 to 3½ ft. ....	.85	7.50	60.00

SUMMER PEARS

Bartlett. Large, buttery, juicy, high-flavored, great bearer; very popular both for eating out of the hand and for canning. August and September.

Clapp. Very large, yellow and dull red, with russet specks. Melting, rich. August.

AUTUMN PEARS

Anjou. Large, buttery, melting, rich, vinous. Late fall and early winter variety. October to January.

Duchess (of Angouleme). Very large, buttery, rich, juicy. Pick them before maturity, wrap in tissue paper, and rack away for complete ripening. October and November.

Flemish Beauty. Large, juicy, rich; one of the hardiest trees and most enjoyable fruits. September-October.

Gorham Recently introduced by the N. Y. Exp. Station. Of Bartlett type and form, ripening 2 weeks earlier, but keeping a month longer. Smooth, fine russet skin; rich flavor and pleasing aroma.

Kieffer. Large size, handsome appearance, and remarkable keeping and shipping qualities. October-November.

Rossney. Large fruits; creamy skin and crimson blush; flesh melting, juicy, sweet; vigorous and productive.

Seckel. Small; skin yellowish brown with brownish red cheek; flesh fine grained, sweet, richest and highest flavor. Equally popular for dessert and pickling. Sept.-Oct.

Sheldon. Medium size, yellow, with a richly shaded cheek; flesh a little coarse, melting, juicy, with a very brisk, vinous, highly perfumed flavor of first quality. October.

Worden. A seedling of the Seckel, equal in quality but larger and richer. Hardy and an enormous bearer. October.

WINTER PEARS

Bosc. Finest quality late fall and winter variety. Extra large, long and tapering; russet; good shipper, brings highest market price. A vigorous grower. November-December.

Lawrence. Medium yellow with brown dots, melting, pleasant, aromatic. November-December.

DWARF PEARS

Set trees 10 ft. apart.

Dwarf Pears save space and bear younger. Best for small lot or garden. In planting, cover the junction of Pear and Quince, by 2 or 3 inches.

PRICE:

	Each	10	100
4 to 5 ft.	\$0.95	\$8.50	\$70.00
3 to 4 ft. ....	.85	7.50	60.00

VARIETIES: Anjou, Bartlett, Clapp, Duchess, Seckel.

5 - YEAR OLD PEAR TREES — EXTRA!			
5 ★	Anjou	Lawrence	Sheldon
Each - \$2.25	Clapp	Rossney	Worden
Ten - 20.00	Duchess	Duchess	Seckel

APRICOTS

Ripens between Cherries and Peaches. Should be planted on a northern or western exposure to prevent early blooming. The Russian (R) varieties are hardiest.

Price:	Each	10	100	Set Trees
4 to 5 ft.	\$0.95	\$8.50	\$70.00	16 to 18
3 to 4 ft. ....	.85	7.50	60.00	feet apart
2 to 3 ft. ....	.70	6.00	45.00	

Alexander. (R). Early freestone; orange with red blush.

Early Golden. Small, pale orange, juicy and sweet.

Hungaria's Best. Grows to immense size, fruit large, deep yellow, with yellow flesh, very fine flavor. Set 25 feet.

Moorpark. Yellow, with red cheek, juicy, sweet and rich.

NECTARINES

Size, and a smooth skin like the Plum, and like the Peach in other ways, melting, of juicy texture, and delicious flavor.

Boston. Bright yellow, red cheek; flesh yellow.

Red Roman. Greenish yellow, red check; flesh golden.





Large Montmorency Cherries (Sour)

CHERRIES

The compact shapeliness of Cherry trees, their glossy foliage, and spring glory of clustered blossoms, gives them ornamental value even in the lawn.

The trees are naturally hardy, succeeding best on sandy or gravelly loam, well drained. Avoid low or wet ground. Sweet varieties grow more rapidly and make larger pyramidal trees. Set trees 18 to 20 ft. apart. The Sour varieties are dwarf and bushy, bear earlier, and are more largely planted. Set trees 15 to 18 ft. apart.

PRICE OF CHERRIES:

	Each	10	100
Sweet— 5 to 6 ft.	\$1.00	\$9.00	\$75.00
4 to 5 ft. ....	.90	8.00	65.00
Sour— 4 to 5 ft. ....	.95	8.50	70.00
3 to 4 ft. ....	.85	7.50	60.00
2 to 3 ft. ....	.70	6.00	45.00

SWEET CHERRIES

Black Tartarian. Very large, black, juicy, rich. Last of June. (Illustrated in color on inside back cover.)

Gov. Wood. Large, light red, juicy, rich, delicious. Tree healthy and productive. June.

Lambert. Jet black when fully ripe. Flesh firm, solid, rich and juicy. Tree rugged, strong grower, hardy, enormous bearer. Late July.

Napoleon. Large, pale yellow with at least one red cheek; firm, juicy, sweet and productive. July.

Schmidt. Immense size, deep black, flesh dark, tender, very juicy, fine flavor; productive. July.

Windsor. Fruit large, liver-colored, distinct; flesh remarkably firm and of fine quality. Tree hardy and prolific. A valuable late variety. July.

Yellow Spanish. Large, yellow with red blush. June.



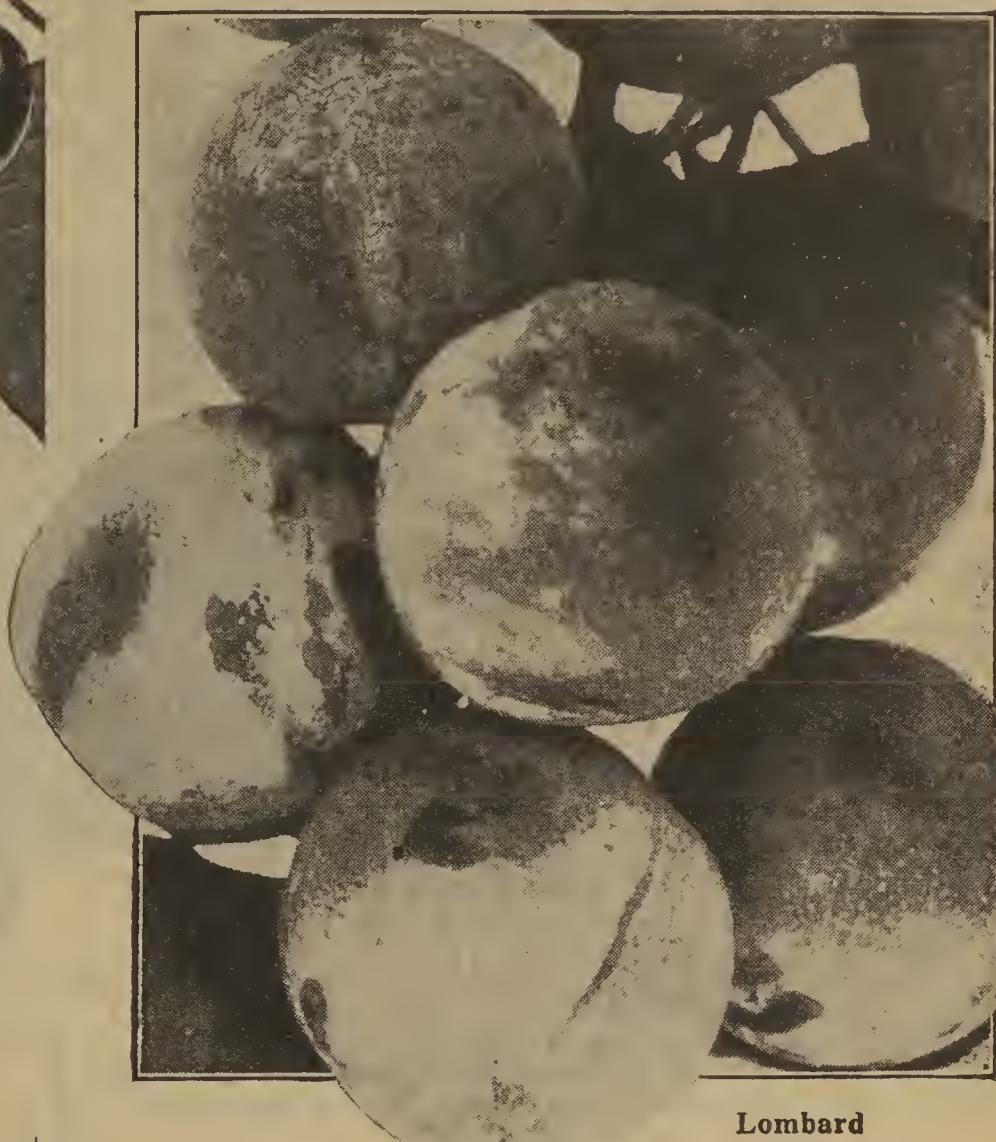
Napoleon—Sweet Cherries

SOUR CHERRIES

Early Richmond. Medium, dark red, melting, juicy, sprightly, rich acid, best. A dependable cropper. June.

English Morello. Fair size, blackish red, rich acid, juicy, good. The best very late variety. August.

Large Montmorency. Large, red, productive, ten days later than Early Richmond. Late June.



Lombard

PLUMS

PRICE OF PLUMS:

European and Japan—	Each	10	100
4½ ft. and up	\$1.00	\$9.00	\$75.00
3½ to 4½ ft. ....	.90	8.00	65.00
3 to 3½ ft. ....	.75	6.50	50.00

Set Trees
16 to 20 ft.
apart

EUROPEAN PLUMS

Bavay (Green Gage) ("Reine Claude"). Very large greenish color, fine flavor. September.

Bradshaw. Large, dark red, flesh green, juicy. August.

Diamond. Enormous size, dark purple with a beautiful bloom. Sept.

Lombard. Medium, violet-red, juicy, good, hardy and productive, the leading market variety. August.

Monarch. Very large, oval, purplish blue, freestone. October.

Shipper's Pride. Large, dark purple; often measures 2 inches in diameter; fine, juicy and sweet. September.

Shropshire. Medium, dark purple, very productive. October.

JAPAN OR ORIENTAL PLUMS

Japan Plums are strong, quick-growing and adapted to all kinds of soils; extra hardy, early, and sure croppers.

Abundance (Botan). Hardy and productive. Fruit large, pinkish red, with heavy bloom; good quality. August.

Burbank. Tree round, sprawling, productive, bears young. Fruit round, excellent; cherry-red with lilac bloom.

Red June. Fair size, vermillion-red; pleasant quality. August.

Victory A new Japanese variety; upright, spreading, and thrifty. Fruit attractive, unusually large, distinctly pointed, with dark red flesh of excellent quality; ripens unevenly, so that the picking season is desirably prolonged.

PRUNES

PRICE OF PRUNES:

	Each	10	100
4½ ft. and up	\$1.10	\$10.00	\$90.00
3½ to 4½ ft.	1.00	9.00	80.00
3 to 3½ ft. ....	.85	7.50	65.00

Italian Prune (Fellenburg). Large, dark purple, sweet, good. One of the most desirable and popular for canning. Sept.



American Filberts

NUT TREES

PRICE OF NUT TREES: [Each] 10

	\$1.25	1.00	9.00
Butternut, 4 to 5 ft.	\$1.25		
" 3 to 4 ft.	1.00		
Chestnut, Japan, 4 to 5 ft.	1.75		
" " 3 to 4 ft.	1.25		
Filbert, American, 4 to 5 ft.	1.00	\$ 9.00	
" " 3 to 4 ft. ....	.80	7.00	
" " 2 to 3 ft. ....	.65	5.50	
Walnut, Black, 4 to 5 ft. ....	.90	8.00	
" " 3 to 4 ft. ....	.75	6.50	
" Japan—(both kinds)			
" " 6 to 8 ft.	1.60	15.00	
" " 4 to 6 ft.	1.10	10.00	
" " 3 to 4 ft. ....	.80	7.50	

CHESTNUT

Japan. Distinct from other chestnuts; dwarf grower, productive usually when two or three years old. Nuts of immense size, of fair quality when outside skin is removed.

FILBERT

American. The common Hazelnut. Will grow in almost any location, but prefers a rather moist soil, such as can be found along streams. Nuts are tender and of fine flavor.

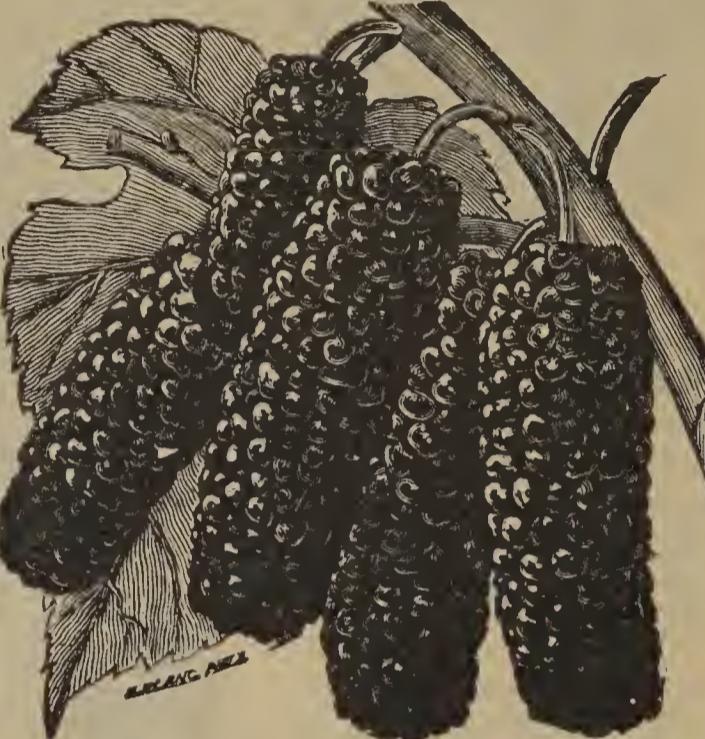
WALNUTS

Butternut or White Walnut. Native tree, producing long large nut. Has a sweet, oily, nutritious kernel.

Black. A majestic native tree of large size. Choice nuts; and the most valuable of all trees for its timber.

Japan, Sieboldiana. Perfectly hardy, rapid grower, handsome form, immense leaves; bears young and abundantly. Nuts produced in clusters; resembles Butternut in shape and quality; smaller; smooth and thinner shell.

Japan, Max-Cordiformis. Differs from Sieboldiana in form of nuts, which are broad-pointed, flattened, resembling Hickory.



New American Mulberry



The Fruitful (and Ornamental) Japan Walnut

QUINCE

The Quince crop is usually reliable, and in good market demand. The fruits are quite fragrant, and the trees and bloom highly ornamental. Set trees 10 to 12 feet apart.

Price: [Each] 10 | 100
4 to 5 ft. \$1.00 | \$9.00 | \$80.00

Orange. Large, bright yellow, of excellent flavor. October.



Orange Quince

MULBERRY

The Mulberry tree is rugged and ornamental, whether or not you care for the voluptuous sweet fruits, the robber-birds love them. A nearby crop of Mulberries may save your early Cherries and Strawberries.

PRICE: Each
Downing, and New Amer-ican—

4 to 5 ft. \$0.75

3 to 4 ft.65

Downing. Very large, black, handsome, sweet, rich, and of excellent quality.

New American. Equal to Downing in all respects, and a much harder tree. Vigorous grower, very productive; the best variety for fruit; ripe from middle June to September.

ASPARAGUS

A small bed of them kept weed-free, or a border along the garden edge, will supply the average table for 6 weeks or more in late spring. In planting, make soil rich, dig trench, set 12 to 18 inches apart, roots spread out, crown 2 inches

Price: [50 | 100 | 1000] below surface; and tamp in returned soil firmly.

Express—2 yr. ... \$1.25 | \$2.00 | \$12.00

" 1 yr. ... 1.00 | 1.75 | 10.00

Mail postpaid—

1 yr. 1.35 | 2.25

Washington Pedigreed. A new rust-resistant Asparagus. For the home or market, it stands ahead of all others in size, vigor, tenderness, quality, and rust-resistance.

Mary Washington. Same family and character, equally rust-resistant, but somewhat earlier and larger, with stalks inclined to oval shape.

RHUBARB or "Pie-plant"

Linnaeus. Large, early, tender and fine. The old reliable pie kind. Can the surplus for winter use; it comes in handy for pies of summer freshness.

Giant Victoria. Long, thick, brittle stalks surcharged with juices of refreshing flavor; the pink to carmine color highly attractive in dessert dishes.

Foregoing: [3 | 10 | 100]

Express \$0.50 | \$1.25 | \$7.00

By mail75 | 1.75 |

Ruby. A Canadian introduction, claiming superiority for its permeating ruby-red color, its rich flavor, and low acidity.

[3 | 10 | 100]

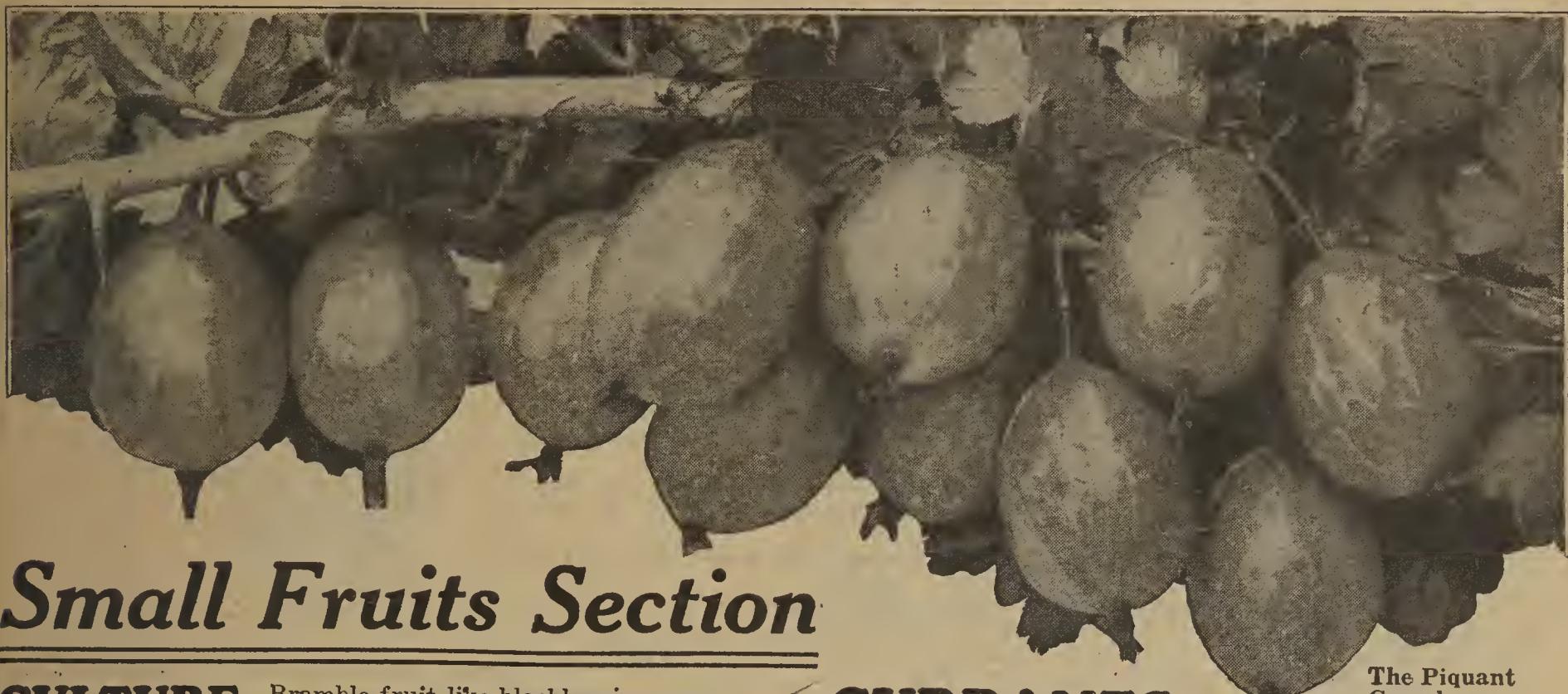
Express \$0.75 | \$1.50 | \$9.00

By mail 1.00 | 2.00 |

HORSERADISH

Maliner Kren. A cultivated strain of profitable productivity. Make no mistake; this variety bites! By mail, postpaid: 10 for 50c; \$3.00 per 100.

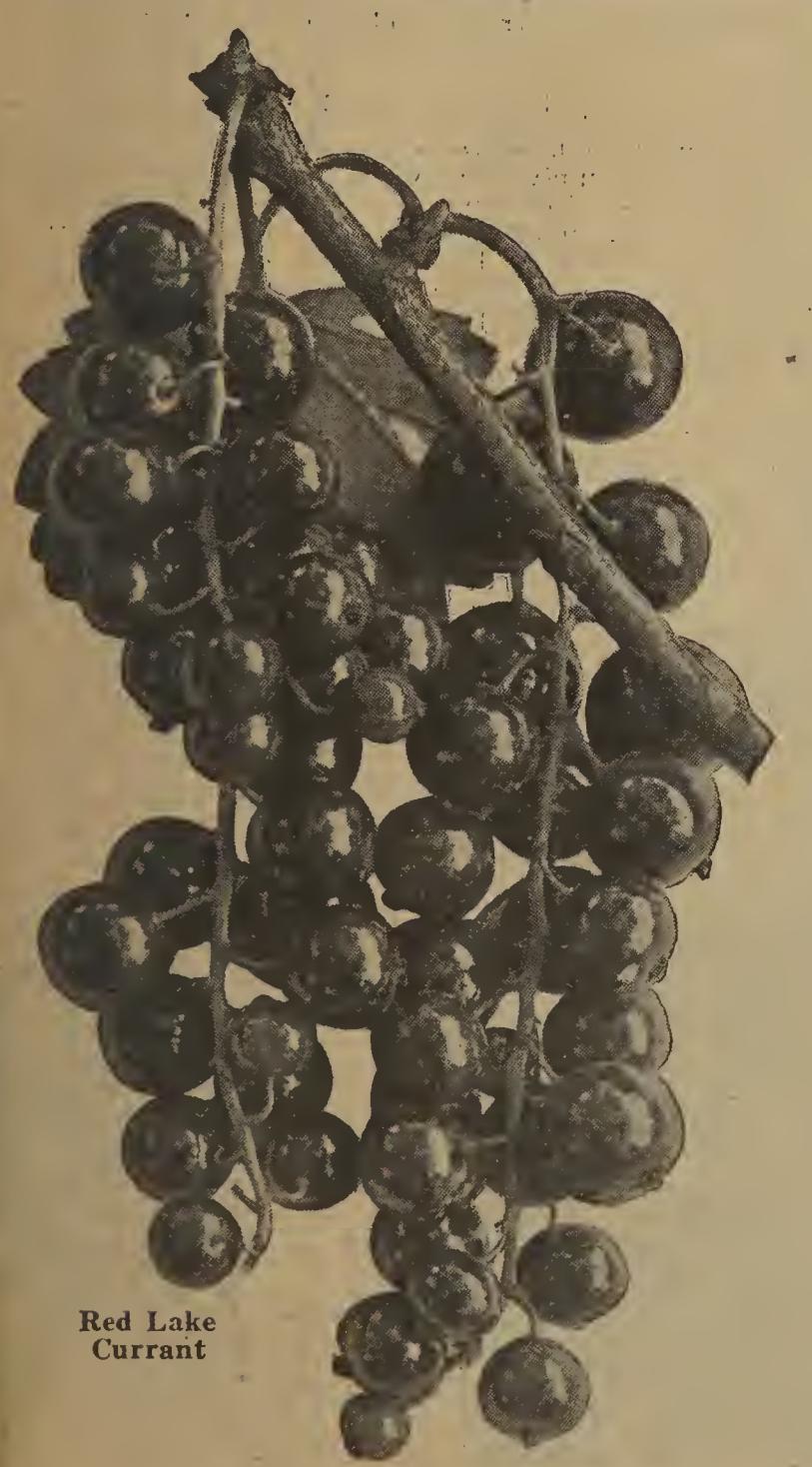




Small Fruits Section

CULTURE Bramble fruit like blackberries, raspberries, etc., should have all old wood (older than the previous season's growth) cut out close to the ground each spring and the past season's growth should be trimmed back to 3 or 4 feet in height. All of the old canes should be removed and burned.

Mulching of currants and gooseberries will give good results. A strawberry bed should have a light coating two inches deep of coarse hay, or straw that is free from weed seed, after the ground has just frozen; and in the spring just about the time growth starts, this covering should be raked between the rows and allowed to remain there until the fruit has been harvested. Then it should be removed and cultivation be resumed.



Red Lake Currant

CURRANTS

The Piquant Gooseberry

Hardy, easily cultivated; popular for table use, jellies, etc. Set 4 feet apart in rich ground; cultivate well and prune out old wood. Dust with hellebore, for worms.

Price of Currants:	By Express Collect			By Mail Postpaid	
	3	10	100	3	10
Cherry, 1 year	\$0.75	\$2.00	\$14.00	\$1.00	\$2.50
" 2 years .....	.90	2.50	18.00		
Fay, 1 year .....	.75	2.00	14.00	1.00	2.50
" 2 years .....	.90	2.50	18.00		
Perfection, 1 year .....	.85	2.25	16.00	1.10	2.75
" 2 years	1.00	2.75	22.00		
Red Cross, 1 year .....	.75	2.00	14.00	1.00	2.50
" 2 years .....	.90	2.50	18.00		
Red Lake, 1 year	1.15	3.00	25.00	1.40	3.50
" 2 years	1.35	3.50	30.00		
Wilder, 1 year .....	.75	2.00	14.00	1.00	2.50
" 2 years .....	.90	2.50	18.00		

Cherry. Very large bright red fruit with thin skins.

Fay. Uniform, easily picked, exceedingly productive.

Perfection. Very large; superior bearer, less acid and of better quality than any other large currant in cultivation.

Red Cross. Large size, long clusters, mild flavor.

Wilder. Bunch and berries very large; moderate acidity. An immense yielder, always dependable.

The New Giant Red Currant

Red Lake

The introduction of Red Lake by the Minnesota State Fruit Farm marks a big step forward in Currant culture. It stands head and shoulders above any variety formerly grown in the Northwest. The berries are extra large and the bunches long and well filled to the tip. The exceptionally long stems make them easy to pick. The bushes are thrifty and extremely productive. It's easy to grow and you will enjoy picking the big long bunches. Ripens early midseason, but holds on over a long period so it can be used or marketed as desired. It brings top prices on the market and is a splendid money-maker. We suggest you order early as the supply is limited.

GOOSEBERRIES

Set 3 to 4 feet apart, in good rich soil, and give a liberal dressing of manure every season. Regular pruning every year is essential. To prevent mildew spray bushes soon as leaves appear and several times during the summer with potassium sulphide (liver of sulphur)—one ounce to four gallons of water.

Price of Gooseberries:	By Express Collect			By Mail Postpaid	
	3	10	100	3	10
Downing, 1 year	\$0.85	\$2.25	\$16.00	\$1.10	\$2.75
" 2 years	1.00	2.75	22.00		
Houghton, 1 year .....	.75	2.00	14.00	1.00	2.50
" 2 years .....	.90	2.50	18.00		
Josselyn, 1 year .....	.85	2.25	16.00	1.10	2.75
" 2 years	1.00	2.75	22.00		
Pearl, 1 year .....	.85	2.25	16.00	1.10	2.75
" 2 years	1.00	2.75	22.00		

Downing. Large, pale green, of splendid quality for both cooking and table use; bush vigorous and usually free from mildew.

Houghton. Small to medium; roundish, oval, pale red, sweet, tender, very good.

Josselyn. Large sized, smooth, prolific and hardy, red berries of best quality. The freest from mildew.

Pearl. Very similar to Downing, but the berries are slightly larger, and more abundant.

S & H GRAPE VINES

The Quick, Sure, Profitable Annual Crop

Even under unfavorable conditions the grape vine will bear fruit, but good culture, pruning and spraying should be applied if the best quality of fruit is desired. Along almost any garden fence or walk there is room for vines enough to furnish luscious grapes from July to November. In such situations they may be planted about 8 feet apart. In vineyard rows, set the vines 6 to 10 feet apart, with 8 feet between rows.



BLACK GRAPES

Campbell's Early. Sweet and juicy, seeds few and small, very early.

Concord. The standard black, everywhere. Oct. 1st.

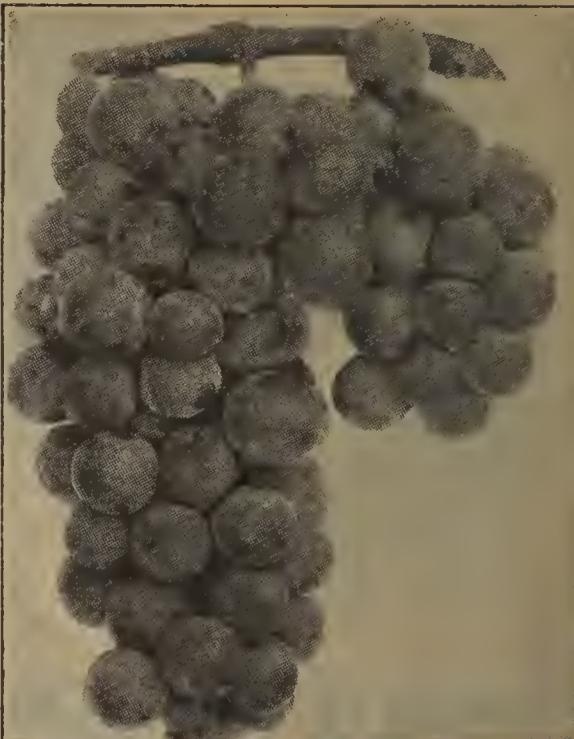
Fredonia. Blue-black, covered with heavy bloom, about same season as Moore's. Good commercial quality. Vines vigorous and productive.

King. Ripening between Worden and Concord, same color, grape extremely large, cluster larger and more compact.

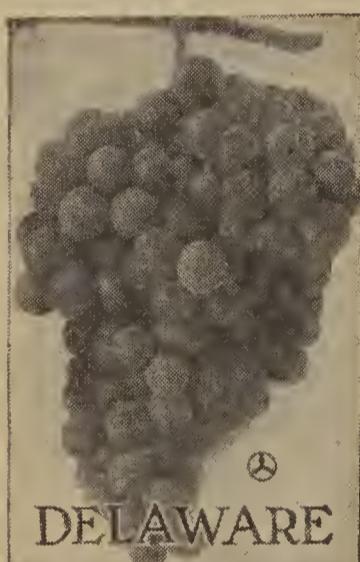
Moore's Early. Bunch and berry large; desirable for earliness.

Sheridan. A new variety destined to rival Concord. It extends the season a week longer; with larger, more compact bunches; flavor sweeter, skin tougher, keeps longer and ships better.

Worden. Larger, sweeter and earlier than Concord.



Concord



RED or AMBER

Agawam. Very large, with thick skin; sweet and sprightly.

Brighton. Bunch large; excellent flavor and quality; early.

Caco Fruit very large in hand-same complete bunches; a rich wine-red over amber. Exceptionally early bearing. Its flavor is luscious, sweet, distinctive.

Catawba. Large, dark copper, rich musky flavor; late.

Delaware. Bunches and berries are small, but compactly set, light red, with violet bloom; sugary and delicious; early.

Lucile. A beautiful bright color, flavor foxy and sweet.

Salem. Large, sweet, thin skin; ripens first of September.



Family Grape Offer

each: Blue, Red and White,—our selection of varieties, 2-year-old vines. By Mail, Postpaid.....

To fit across your back lot line. Two

6 for \$1.50

PRICES FOR GRAPE VINES

	5 at ten rate.	Each	By Express		
	25 at hundred rate.	By Mail	or Freight		
	250 at thousand rate.	Each	10	100	1000
Agawam,	1 year.....	\$0.30	\$0.25	\$1.75	\$10.00
"	2 years....	.35	.30	2.25	14.00
Brighton,	1 year.....	.30	.25	1.75	11.00
"	2 years....	.35	.30	2.25	16.00
Caco,	1 year.....	.40	.35	2.50	20.00
"	2 years....	.45	.40	3.00	25.00
Campbell's Early,	1 year.....	.30	.25	1.75	11.00
" "	2 years....	.35	.30	2.25	16.00
Catawba,	1 year.....	.30	.25	1.75	10.00
"	2 years....	.35	.30	2.25	14.00
Concord,	1 year.....	.25	.20	1.25	6.00
"	2 years....	.30	.25	1.50	9.00
Delaware,	1 year.....	.30	.25	1.75	11.00
"	2 years....	.35	.30	2.25	16.00
Diamond,	1 year.....	.30	.25	1.75	10.00
"	2 years....	.35	.30	2.25	15.00
Fredonia,	1 year.....	.35	.30	2.25	15.00
"	2 years....	.40	.35	2.50	20.00
Green Mountain,	1 year.....	.35	.30	2.25	15.00
" "	2 years....	.40	.35	2.50	20.00
King,	1 year.....	.40	.35	2.50	18.00
"	2 years....	.45	.40	3.00	22.00
Lucile,	1 year.....	.30	.25	1.75	10.00
"	2 years....	.35	.30	2.25	16.00
Moore's Early,	1 year.....	.30	.25	1.75	11.00
" "	2 years....	.35	.30	2.25	16.00
Niagara,	1 year.....	.30	.25	1.75	10.00
"	2 years....	.35	.30	2.25	14.00
Pocklington,	1 year.....	.30	.25	1.75	12.00
"	2 years....	.35	.30	2.25	17.00
Portland,	1 year.....	.35	.30	2.25	15.00
"	2 years....	.40	.35	2.50	20.00
Salem,	1 year.....	.30	.25	1.75	10.00
"	2 years....	.35	.30	2.25	15.00
Sheridan,	1 year.....	.40	.35	2.50	18.00
"	2 years....	.45	.40	3.00	22.00
Worden,	1 year.....	.25	.20	1.50	9.00
"	2 years....	.30	.25	1.75	13.00
					110.00



Portland



WORDEN

BLACKBERRIES

Plant rows 6 feet apart, 3 to 5 feet in the row. Pinch canes back when they have reached 4 feet in height.

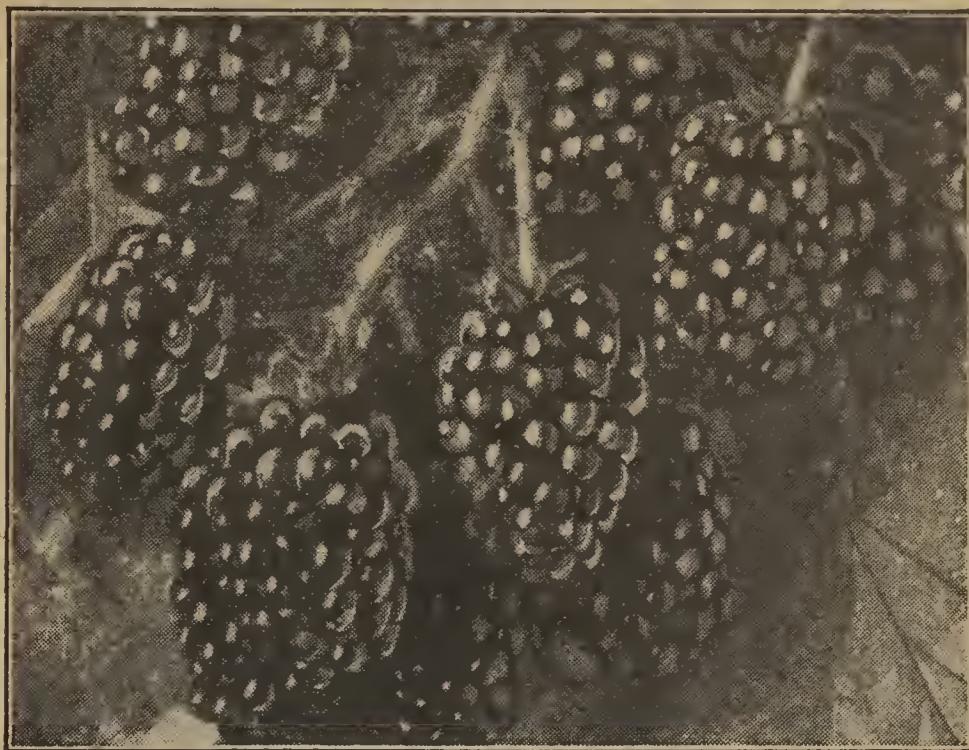
PRICES:	By Mail		By Exp. or Frt.		
	Postpaid	10 | 100	Collect	10 | 100	1000
Blowers	\$0.90	\$5.25	\$0.65	\$4.50	\$30.00
Eldorado .....	.90	5.25	.65	4.50	30.00
Mersereau .....	.90	5.25	.65	4.50	30.00
Snyder .....	.90	5.25	.65	4.50	30.00

Blowers. Claimed to be the hardiest and most productive. Large size, jet black, good shipper, best quality.

Eldorado. Hardy; berries large, jet black borne in large clusters, and ripen well together; they are very sweet, melting and pleasing to the taste; have no hard core, and keep eight or ten days after picking with quality unimpaired.

Mersereau. Strong grower; upright, stout, stocky canes. An enormous producer of extra size berries which are brilliant black and retain their color under all conditions; sweet, rich, melting, without core.

Snyder. Enormously productive, medium, sweet, the leading early variety for hardiness.



Eldorado Blackberries

BLACK RASPBERRIES

Set "Blackcaps" 4 to 5 feet apart.

PRICES:	By Mail		By Exp. or Frt.		
	Tips—	10 | 100	10 | 100	1000	
Cumberland	\$0.80	\$4.00	\$0.60	\$3.50	\$22.50
New Logan ....	.80	4.00	.60	3.50	25.00

Inasmuch as raspberry appreciation varies radically according to individual tastes—some specially preferring the black ones which others dislike—it is well to provide all types in your family garden. See our listing of Red Raspberries on next page.

Cumberland. Healthy, vigorous, throwing up stout, stocky, well-branched canes that produce immense crops. Fruits very profitable; large, firm. Midseason.

New Logan (The Earliest Blackcap Known). Of Ohio origin, this new blackcap has gained much favor among berry growers. Its quality and productiveness are excellent, probably equal to any, but its paramount value lies in the week or more earlier cropping season. Highly resistant to all Black Raspberry diseases.

CULTURE OF SMALL FRUITS

Bramble fruits like blackberries, raspberries, dewberries, etc., should have all old wood (older than the previous season's growth) cut out close to the ground each spring and the past season's growth should be trimmed back to 3 or 4 feet in height. All of the old canes should be removed and burned.



New Logan



The New Potomac Purple

PURPLE RASPBERRIES

The Purple Raspberries run generally larger than either Blacks or Reds, and are very attractive to look at and to eat, but are a little too soft when ripe to ship far. They have more seeds than the reds, but less than the Blacks. Mostly tart and high-flavored. Very popular for jams, preserves, canning and for flavoring.

Price of Purple Raspberries	Postpaid By Mail		By Express or Freight		
	10	100	10	100	1000
Columbian, tips	\$0.80	\$4.00	\$0.60	\$3.50	\$27.50
Potomac, tips .....	.95	6.50	.75	5.50	40.00

Columbian. Very large, purplish color, rather soft; rich, sprightly flavor, unrivaled for canning, etc. Bush vigorous and productive; immense cropper.

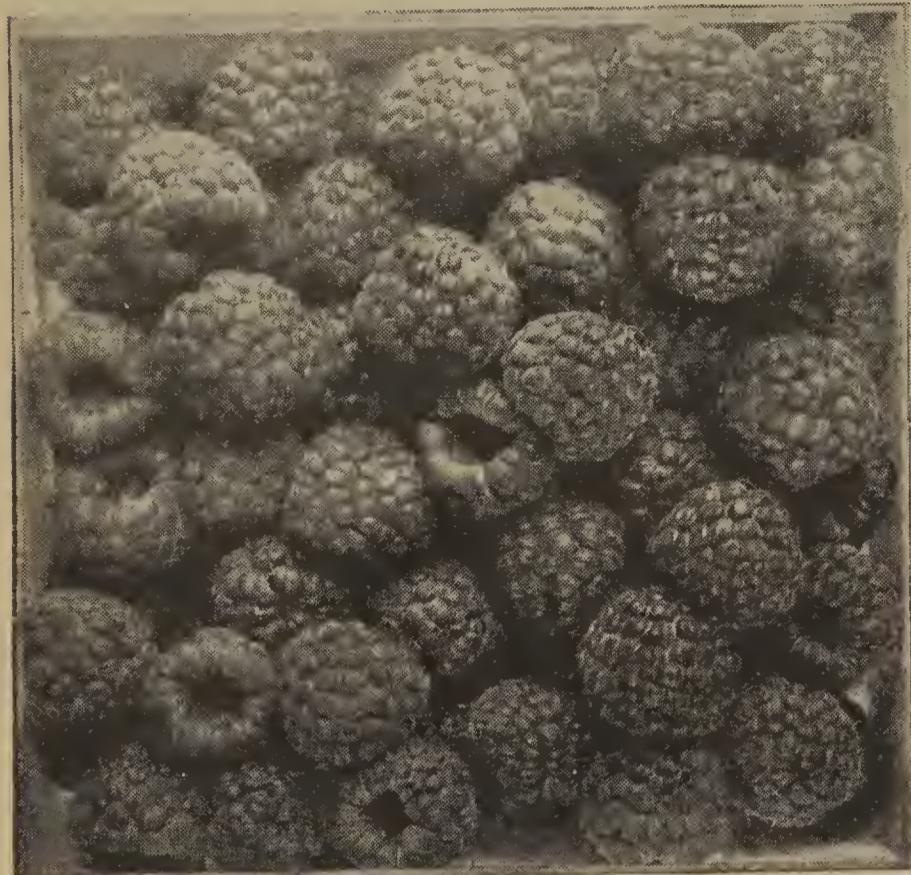
A NEW PURPLE RASPBERRY
From the U. S. Dept. of Agriculture

Potomac

The habit of growth compared with Blackcaps. Makes a large number of leaves; the prickles being small and not numerous. Produces a full, heavy crop the second summer after planting. The first ripening is usually in June, continuing about 30 days. Shape of the berry is slightly conical, in heavy clusters; the yield probably the greatest of any raspberry. Berries large, firm, dark purplish red covered with considerable bloom; the flavor very fine. This variety is particularly good for preserving, and has no equal for jelly. Because of such vigorous growth and caning, allow more planting space than for other Purples or Reds.

RED RASPBERRIES

Will do well on any soil that will produce a good corn crop. Land should be thoroughly prepared and well enriched; ground bone is one of the best fertilizers. Keep well cultivated and free from weeds and suckers. As soon as they have done bearing cut out the old wood to give more vigor to the young canes. Rows 5 feet apart, plants 3 feet apart in rows.



New Red Raspberry—Chief



Newburgh



The Epoch-making Latham

PRICE of Red Raspberries:	By Mail		By Express or Freight		
	10	100	10	100	1000
Chief	\$0.80	\$4.00	\$0.60	\$3.50	\$24.00
Cuthbert .....	.80	4.00	.60	3.50	25.00
Latham .....	.80	4.00	.60	3.50	24.00
Newburgh (New) .....	.85	4.50	.65	4.00	30.00
St. Regis .....	.80	4.00	.60	3.50	25.00

Chief A new product from Minnesota achieved after 14 years experimenting with the purpose of replacing the old King by a superior type of Latham breeding. Chief will not rival Latham, but supplements it by ripening 10 days earlier and so holding that wonderful type for picking an extra long season. In fact, Chief fills the gap for fresh table fruit between Strawberries and the other Raspberries. Bright red, "no crumbling," ships well, tastes delicious, and pays its way with extraordinary crops.

Cuthbert ("Queen of the Market"). A remarkably strong hardy variety; standing the northern winter and southern summers equal to any. Very large, conical berries, measuring 3 inches around, so firm they can be shipped hundreds of miles by rail in good condition; flavor is sweet, rich and luscious.

Latham THE NEW MOSAIC-FREE HARDY RED RASPBERRY. This type is certified absolutely mosaic-free, and acceptable anywhere. Perfectly hardy, withstanding Manitoba winters without protection. Its production is superlative, outyielding even Cuthbert. The berries are large and round, brilliant red, with profitable shipping firmness. The color is a richly brilliant red, an eye-catcher on market stands, a delightful table feature, and a perfect canned exhibit.

Newburgh A quite new variety which is proving its worth, and becoming popular with the growers. Newburgh is a vigorous grower, hardy and productive. Its berries are large and do not "crumble"; of attractive high color; in quality somewhat superior to Latham which it precedes by a few days. Excellent keeper and shipper.

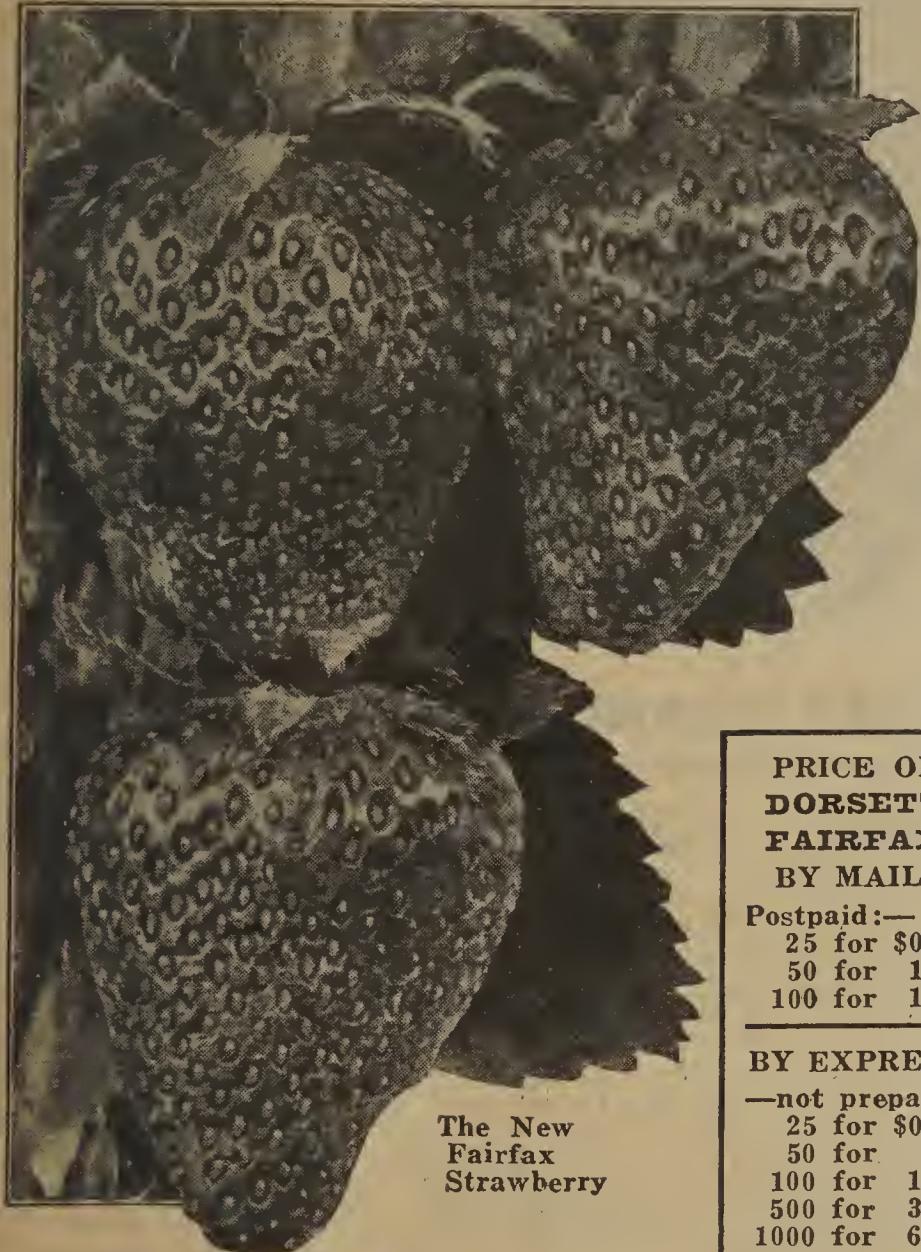
THE FALL-BEARING RASPBERRY

St. Regis (Ranere). Fruit commences to ripen with the earliest and continuing on young canes until October, many quarts often being picked after the first snow falls. Berries bright crimson, large size, rich, sugary with full raspberry flavor. Flesh firm and meaty, a good shipper. Wonderfully prolific. Canes stocky, of strong growth, with abundance of dark green leathery foliage. Besides being a really fine variety, it has the very valuable quality of producing at a time when there are no others.

DEWBERRY

Lucretia. A dwarf or trailing Blackberry equal in every respect to any of the tall-growing sorts. Perfectly hardy, healthy and remarkably productive, with large, showy flowers. The fruit, which ripens early; is often one and one-half inches long by one inch in diameter; soft, sweet and luscious throughout. This is one bramble fruit people enjoy picking; reaching down among the leaves for the biggest, fattest berry close to the hot sand. It is hard to gather a table mess,—for too many just naturally pop into the picker's mouth.

PRICE: By mail, postpaid,—85c per 10; \$4.25 per 100. By express or freight,—60c per 10; \$3.50 per 100; \$25.00 per 1000.



The New
Fairfax
Strawberry

PRICE OF
DORSETT
FAIRFAX
BY MAIL,
Postpaid:—
25 for \$0.65
50 for 1.00
100 for 1.50

BY EXPRESS
—not prepaid:
25 for \$0.45
50 for .70
100 for 1.10
500 for 3.50
1000 for 6.00

Fairfax Another new kind which runs with Dorsett; in many ways similar, but with sufficient differences to warrant growing both. It also produces a heavy crop of berries better than average size, deeply conical in shape, a more brilliant red than Dorsett and of firmer texture; season about the same. The flavor is sweetly luscious and creates demand for more. The market price for this fine new variety keeps abreast of Dorsett—both ahead of the field.

EVERBEARING STRAWBERRIES

"Everbearing Strawberries" yield fruit continuously from May or June until frost. They are practical croppers, and, coming out of ordinary season, bring very profitable prices for market. Caution: To obtain the largest size and finest quality of fruit in the fall, keep flowers picked off until about the first of July.

Gem The newest important introduction in the "Everbearing" group, and by all reports creates a greater usefulness and value to that class. It is credited with bearing within 60 days after the normal spring planting; carrying on during the summer, with an immense fall crop ending only with the first frosts. Sparkling, glossy red fruits uniformly large, that carry and keep better than others due to the tough skin and unusual firmness of its flesh. The flavor is fine. Three crops, big ones—spring, summer, and fall; what more can you ask of a Strawberry?

Mastodon For a number of years Mastodon has had a clear field, safely outranking all predecessors. Despite certain keen recent competition by newer introductions, Mastodon remains a top notch everbearer. It is of immense size, an almost incredible cropper, of choice quality, and the strongest grower ever developed. More productive than most June bearers, its fall pickings are sufficient from but a few plants, and very profitable.



The luscious Lucretia Dewberry

STRAWBERRIES

Strawberries succeed in any soil adapted to farm or garden crops. Soil should be prepared to a good depth, well-drained and enriched with vegetable manure (muck, rotten turf, wood soil, ashes, etc.). For field culture set rows 3 to 3½ feet apart, 15 to 18 inches in each row; for garden, 15 inches apart each way, pathway every third row. For large fruit, keep in hills, pinching runners off as they appear. Ground should be kept clean and well cultivated. In winter cover with leaves, straw or litter. Do not cover until ground is frozen, nor so as to smother plants. Remove cover before growth starts in spring. Mulching will keep fruit clean and soil in good condition.

Dip in water as soon as received, and bury roots in moist, shady ground until ready to set out; do not neglect.

Did you ever use a row of Strawberry plants to border your garden walks? Not only beautiful in its continuously perfect verdure, studded with white flowers or crimson fruits, but it is so handy to gather your morning breakfast dish—fresh with dew—without wetting your slippers.

2 Outstanding STRAWBERRY VARIETIES

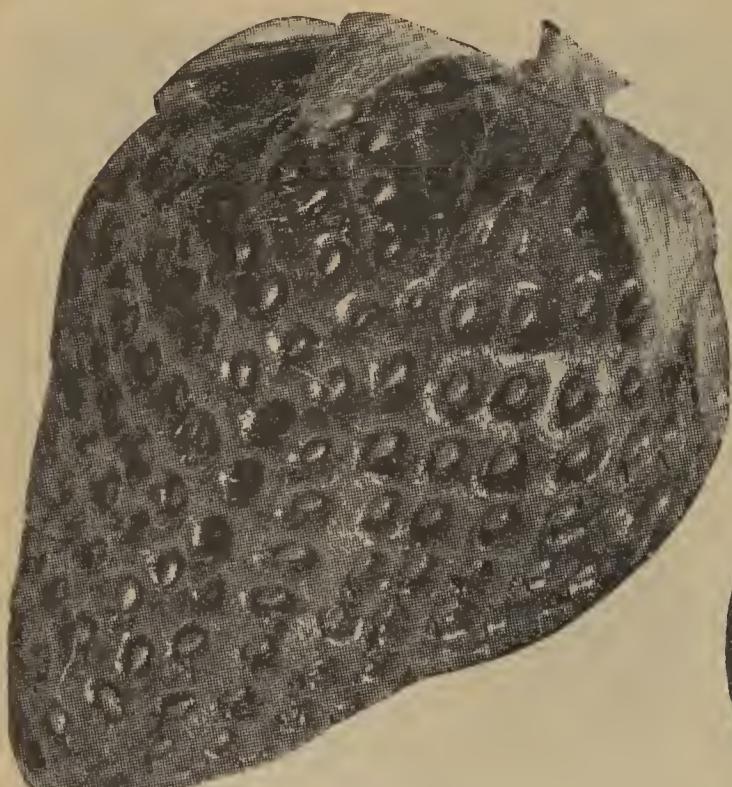
Dorsett This new eastern introduction has taken the Atlantic berry growers by storm, and is becoming one of the most popular and respected in the middle west. Its fruiting season is early and profitably continuous, yielding bumper crops which bring instant market acceptance at the very top price. The berry is uniformly large, full, elongated with rounded extremity. The color is an attractive pinkish red, unusual flavor, mild sub-acid. It does exceptionally well on heavy soil, and surpasses other varieties for sweetness during protracted rainy season.



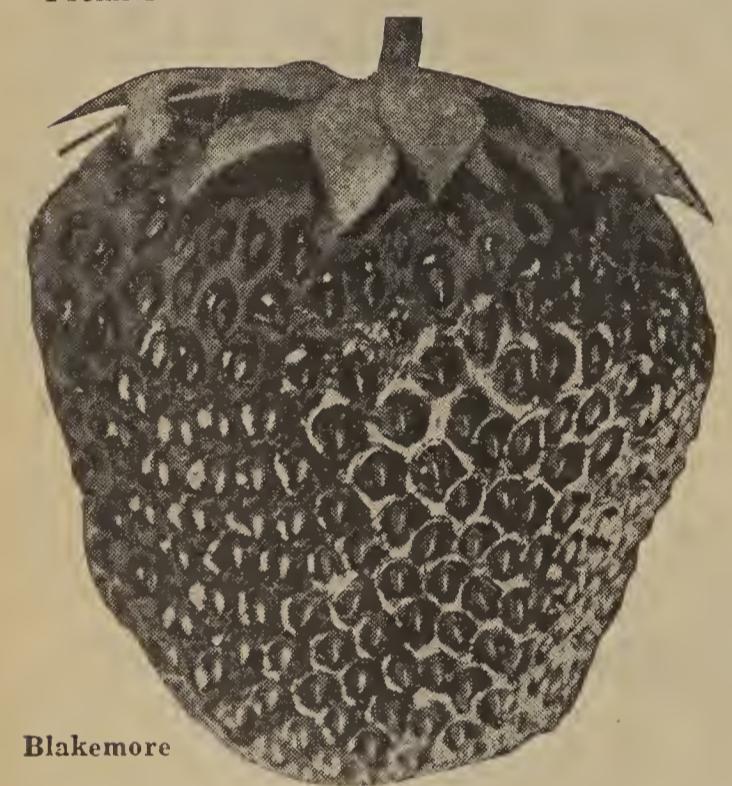
MASTODON

The best new
Everbearing
Strawberry

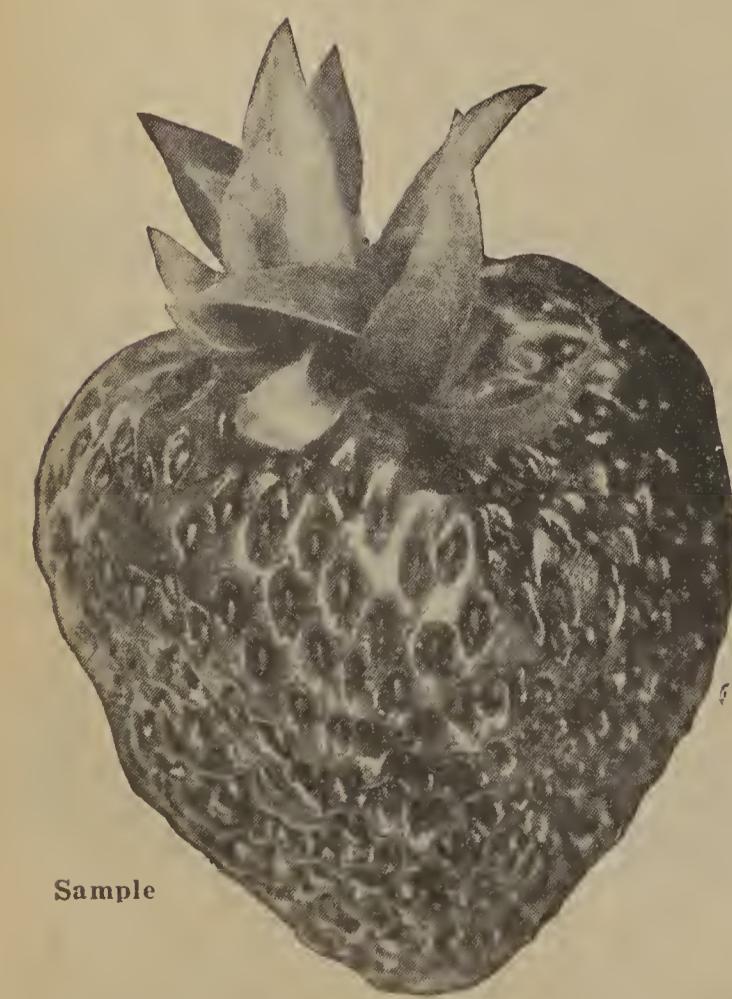
	By Mail				By Express Collect				
	25	50	100	25	50	100	500	1000	
Everbearing									
Gem	\$0.90	\$1.30	\$2.00	\$0.70	\$1.00	\$1.60	\$6.50	\$12.00	
Mastodon	1.10	1.70	2.65	.90	1.40	2.25	8.50	15.00	



Premier

The New
Catskill

Blakemore



Sample

MORE STANDARD STRAWBERRIES

Complete Price List:	By Mail			By Express Collect				
	25	50	100	25	50	100	500	1000
Catskill	\$0.80	\$1.15	\$1.65	\$0.60	\$0.85	\$1.25	\$4.00	\$ 7.50
Clermont								
Dorsett .....	.65	1.00	1.50	.45	.70	1.10	3.50	6.00
Fairfax								
Premier .....	.75	1.10	1.60	.55	.80	1.20	3.85	7.00
Blakemore								
Red Gold .....	.60	.95	1.40	.40	.65	1.00	3.25	5.50
Sample								
Senator Dunlap								
Gem—Everbearing .....	.90	1.30	2.00	.70	1.00	1.60	6.50	12.00
Mastodon—Everbearing	1.10	1.70	2.65	.90	1.40	2.25	8.50	15.00

Blakemore (E). Originated and recommended by the U. S. Department of Agriculture. Berries bluntly conic, good market size; rarely white-tipped, with solid center, small seeds, firm flesh, tough skin. Excellent flavor, aromatic, acid, with high pectin or gelatinizing content. The color is glossy light red developing quite evenly on both upper and lower sides, only slightly changed by holding or canning—a remarkable superiority added to all other choice preserving qualities. The vines are extra vigorous, productive, preferring the heavier types of soil.

Catskill (M). A thoroughly tested New York variety, adopted in 17 middle and northern States. It is so productive it needs thinning. Very large fruits; light red from first to last, with bright green cap. The quality is excellent.

Clermont (E). A new cross between Marshall and Premier; exceptionally well adapted to heavy soil. The very large fruits, regular, glossy, attractive red—hold up well throughout the season, do not bruise easily, and ship well. Quality is excellent. Not recommended for south of Pennsylvania.

Premier Of smooth, evenly conical form, and large; its color the commanding glossy red which sells on sight, aided artistically by the calyx or cap which remains green after picking. Quality unsurpassed; production greatest of all earlies; plant vigorous, healthy, strongly reproductive.

Red Gold (E). This new, remarkable variety originated in the West, but has taken hold and become popular in many other widely separated berry-growing districts. Ripens earlier than Premier, the berries extra large, brilliant red, with tender flesh and sweet, melting flavor. A fancy table berry. Very deep rooting and extra strong, bearing its bumper crops well up out of the dirt, resisting both drought and frost.

Sample (Imperfect) (I). A standard late sort for both home and market. Large dark-colored berries in profusion, of uniform size. Should be planted with a "perfect" companion; never alone.

Senator Dunlap (E). Rampant runner, should be restricted in production of plants. Fruit good size, beautiful bright red, glossy; firm, splendid keeper and shipper, excellent quality.

Form No. 6001

POST OFFICE DEPARTMENT
THIRD ASSISTANT POSTMASTER GENERAL
DIVISION OF MONEY ORDERS

No.

Stamp of Issuing Office

The Postmaster
will insert

here _____
the office drawn on, when the office named by
the remitter is in Alaska, and does not transact money order business.

Spaces above this line are for the Postmaster's record, to be filled in by him

Application for Domestic Money Order

Spaces below to be filled in by purchaser, or, if necessary,
by another person for him

Amount

Dollars _____ Cents _____

Pay to } **The STORRS & HARRISON Co.**
Order of }

(Name of person or firm for whom order is intended)

SEEDSMEN, FLORISTS, NURSERYMEN

Whose
Address
Is } No.

Street

Post }
Office }

PAINESVILLE,

State _____

OHIO

Sent by _____

(Name of sender)

No. _____
City }
and }
State }

Street

PURCHASER MUST SEND ORDER AND COUPON TO PAYEE
(FOR FEES SEE OTHER SIDE)

c5-7155

Fees for Money Orders Drawn on Domestic Form

Payable in the United States, including Hawaii, Puerto Rico, and the United States Virgin Islands, or in Guam and Tutuila (Samoa); also for orders payable in Antigua, Bahamas, Barbados, Bermuda, British Guiana, British Honduras, British Virgin Islands, Canada, Canal Zone, Cuba, Dominica, Grenada, Jamaica, Montserrat, Nevis, Newfoundland, Philippine Islands, St. Kitts, St. Lucia, St. Vincent, and Trinidad and Tobago.

For Orders From	\$0.01 to \$2.50	6 cents.
From	\$2.51 to \$5.00	8 cents.
From	\$5.01 to \$10.00	11 cents.
From	\$10.01 to \$20.00	13 cents.
From	\$20.01 to \$40.00	15 cents.
From	\$40.01 to \$60.00	18 cents.
From	\$60.01 to \$80.00	20 cents.
From	\$80.01 to \$100.00	22 cents.

Memoranda of Issuing Postmaster:

If order is purchased through Rural Carrier, he will fill spaces below:

Carriers receipt No. _____

_____, Carrier.

NOTE.—The maximum amount for which a single Money Order may be issued is \$100. When a larger sum is to be sent additional Orders must be obtained. Any number of Orders may be drawn on any Money Order office on any one day.

Applications must be preserved at the office of issue for three years from date of issue.

IMPORTANT NOTICE

to
O H I O
 Customers

Schedule Of
 Ohio Sales
 Tax

1c to 8c No Tax

Purchase	Tax
.09 to .40	.01
.41- .70	.02
.71- 1.08	.03
1.09- 1.40	.04
1.41- 1.70	.05
1.71- 2.08	.06
2.09- 2.40	.07
2.41- 2.70	.08
2.71- 3.08	.09
3.09- 3.40	.10
3.41- 3.70	.11
3.71- 4.08	.12
4.09- 4.40	.13
4.41- 4.70	.14
4.71- 5.08	.15
5.09- 5.40	.16
5.41- 5.70	.17
5.71- 6.08	.18
6.09- 6.40	.19
6.41- 6.70	.20
6.71- 7.08	.21
7.09- 7.40	.22
7.41- 7.70	.23
7.71- 8.08	.24
8.09- 8.40	.25
8.41- 8.70	.26
8.71- 9.08	.27
9.09- 9.40	.28
9.41- 9.70	.29
9.71-10.08	.30
10.09-10.40	.31
10.41-10.70	.32
10.71-11.08	.33
11.09-11.40	.34
11.41-11.70	.35
11.71-12.08	.36
12.09-12.40	.37
12.41-12.70	.38
12.71-13.08	.39
13.09-13.40	.40

Schedule Of
 Ohio Sales
 Tax

Continued

Purchase	Tax
13.41-13.70	.41
13.71-14.08	.42
14.09-14.40	.43
14.41-14.70	.44
14.71-15.08	.45
15.09-15.40	.46
15.41-15.70	.47
15.71-16.08	.48
16.09-16.40	.49
16.41-16.70	.50
16.71-17.08	.51
17.09-17.40	.52
17.41-17.70	.53
17.71-18.08	.54
18.09-18.40	.55
18.41-18.70	.56
18.71-19.08	.57
19.09-19.40	.58
19.41-19.70	.59
19.71-20.08	.60
20.09-20.40	.61
20.41-20.70	.62
20.71-21.08	.63
21.09-21.40	.64
21.41-21.70	.65
21.71-22.08	.66
22.09-22.40	.67
22.41-22.70	.68
22.71-23.08	.69
23.09-23.40	.70
23.41-23.70	.71
23.71-24.08	.72
24.09-24.40	.73
24.41-24.70	.74
24.71-25.08	.75

The following items offered in our catalog are
EXEMPT FROM THE OHIO SALES TAX:

FARM SEEDS, FRUIT TREES,
 SMALL FRUIT PLANTS,

and other items when used in growing crops **FOR SALE.**

All other items are

TAXABLE, UNDER THE OHIO SALES TAX LAW — such as

~~Vegetable, and flower seeds, lawn grass~~
~~seed, fruit trees, small fruit plants, FOR HOME USE; all ornamental trees, shrubs, vines, etc.~~

The Tax Law requires us to collect the tax from the purchaser.

All orders must be accompanied with

1. Remittance to cover the tax on the taxable items.
2. Signed Certificate of Exemption to cover exempt items. Use the form on the opposite side of this circular.

**THE STORRS & HARRISON CO.
 PAINESVILLE, OHIO**

And 3c Added
 For Each Additional Dollar

BLANKET CERTIFICATE OF EXEMPTION

(Prescribed By The Tax Commission Of Ohio)

The undersigned certifies that all material, merchandise, or goods purchased from
THE STORRS & HARRISON CO.

after shall be purchased:

- For resale in the form of tangible personal property.
- To incorporate the thing transferred as a material or part into tangible personal property for sale by manufacturing, assembling, processing, or refining.
- To use or consume the thing transferred directly in the production of tangible personal property for sale by manufacturing, processing, refining, mining, farming, horticulture, or floriculture.
- To use or consume the thing transferred directly in making retail sales, the rendition of a public utility service, or industrial cleaning of tangible personal property.
- By the State of Ohio, or one of its political subdivisions.
- In interstate commerce.*
- By charitable and/or religious organizations.
- By the Federal Government, or a governmental instrumentality.
- Other—(specify in detail)

This certificate shall be considered a part of each order which should be given to the above named vendor, unless the order otherwise specifies. This certificate to continue in force until March 31, 1937, unless revoked at an earlier date.

I/we agree, that should the tangible personal property purchased under this certificate be determined to be taxable, that I/we shall be subject to the levy provided by law

Signed

By

Title

If a vendor,
insert Vendor's
License

Date No.

NOTE: The vendor must support all individual sales made under this certificate by a separate invoice or record, showing a description of article or articles, price for each item, and total amount involved in each transaction.

The purpose for which, or the purchaser by whom, the items are purchased, must be checked or written in; otherwise, this certificate is void.

Section 5546-9a of the General Code provides for assessment against purchasers who give a false or erroneous certificate.

Section 5546-15a of the General Code provides that giving a false certificate is a misdemeanor.

*Interstate commerce exemption shall be taken by the vendor and claimed by the consumer only when the contract of sale requires the movement in interstate commerce of the property sold.



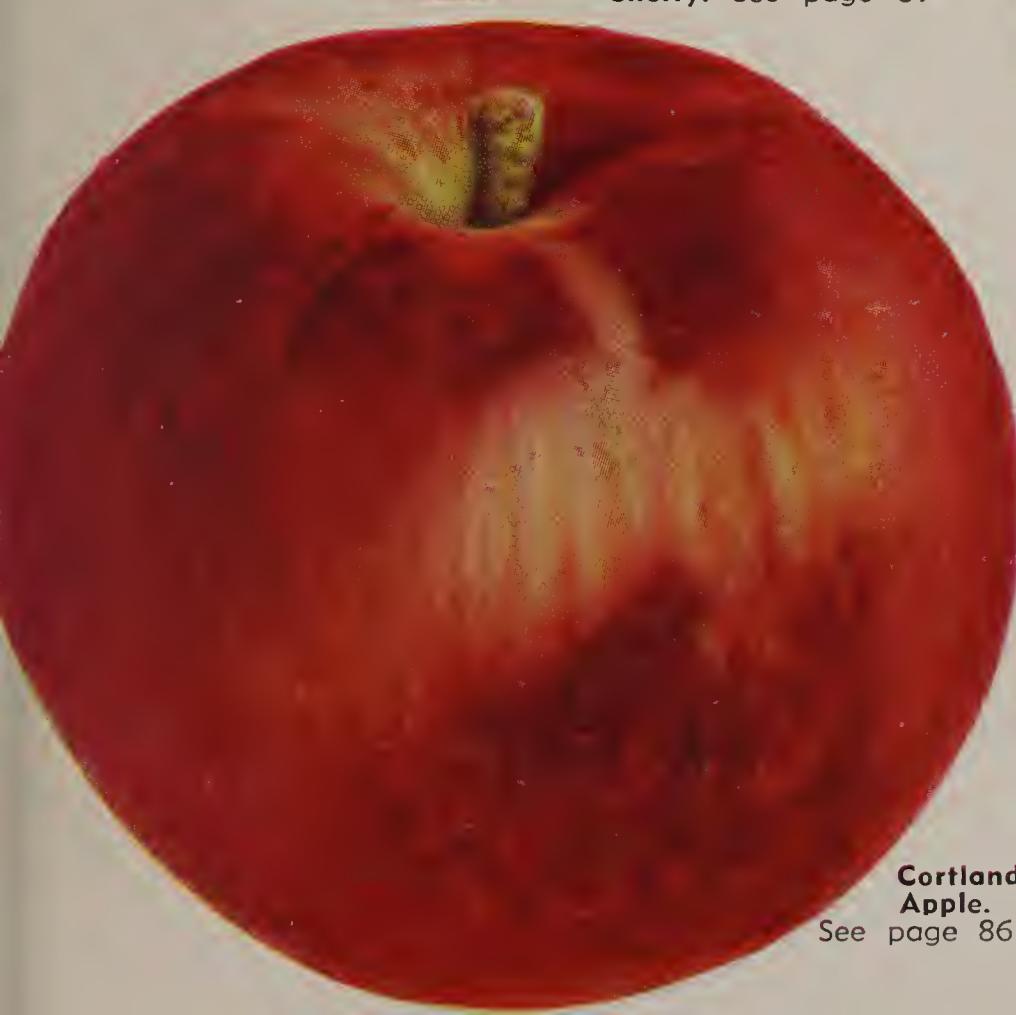
RIO-OSO-GEM PEACH

United States
Plant Patent No. 84

A Superb New Yellow Freestone
Fully described on page 87



**Black Tartarian
Cherry.** See page 89

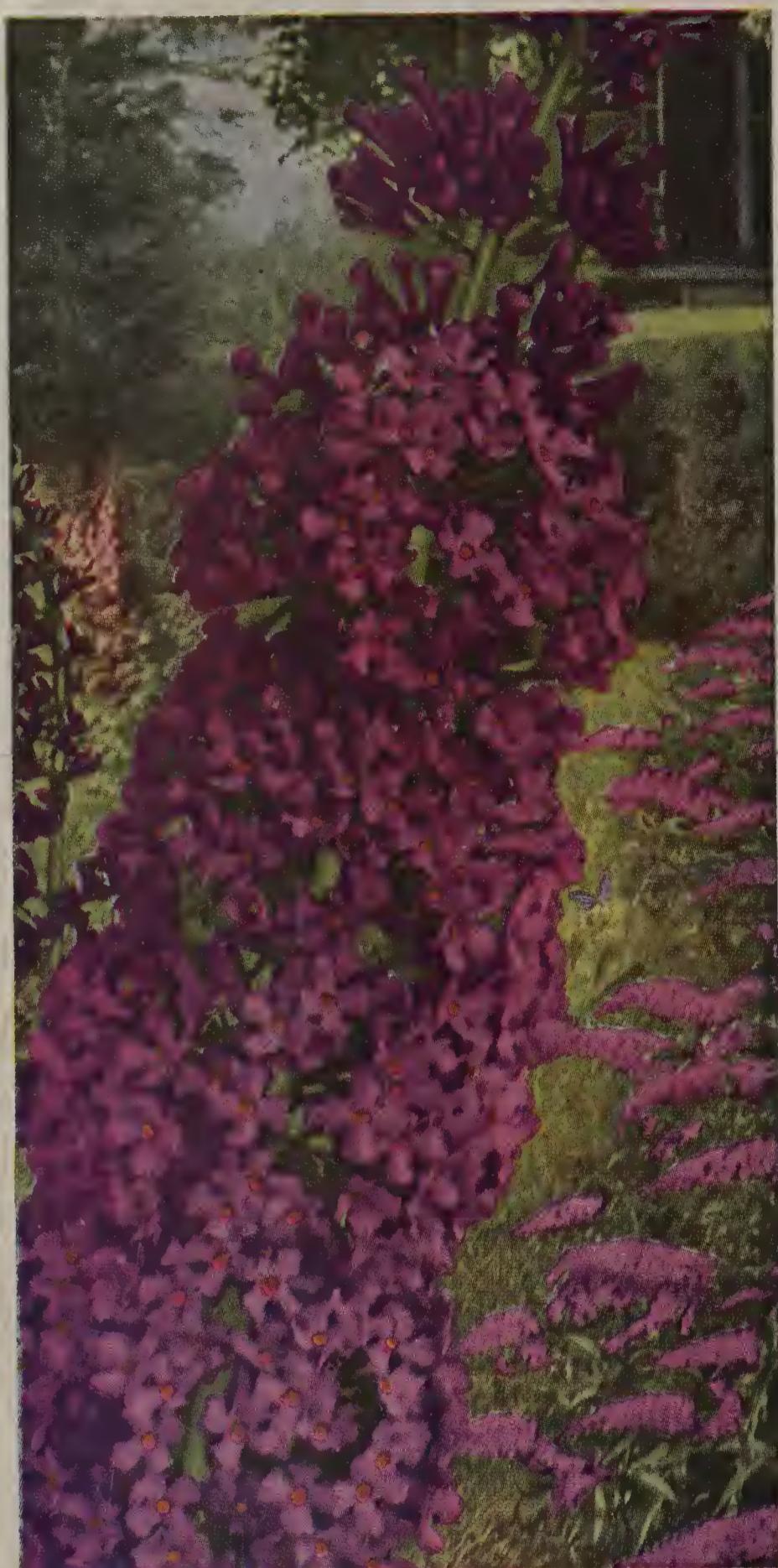


**Cortland
Apple.**
See page 86



**Bartlett
Pear.**
See page 88

Add These Valuable New Shrubs to Your Home Grounds



Buddleia, Ile de France. See page 65



Vitex Macrophylla. See page 72



TRUEHEDGE COLUMNBERRY

A Patented New Slenderly Upright Barberry.
Complete Formal Hedge Effect at Once. Page 65.